Cascale

HIGG FEM 2026

FEM 2026 Scoring

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How Higg FEM 2026 scores are calculated — levels, sections and the total — and, section by section, what every scored question applies to and how it earns credit.

Higg Index guidance · cascale.org

Contents

How FEM scores are calculated **3**
Sections and the total 3
Levels 3
Which scores count 3
Level 1 comes first 3
Rules that switch levels or sections off 3
A total score of zero 4
Scores by section **4**
EMS **4**
Level 1 — 25 points 4
Level 2 — 50 points 5
Level 3 — 25 points 6
Energy **7**
Level 1 — 25 points 7
Level 2 — 50 points 8
Level 3 — 25 points 10
Water **11**
Level 1 — 25 points 11
Level 2 — 50 points 12
Level 3 — 25 points 16
Wastewater **17**
Level 1 — 25 points 18
Level 2 — 50 points 21
Level 3 — 25 points 24
Air Emissions **25**
Level 1 — 25 points 25
Level 2 — 50 points 27
Level 3 — 25 points 28
Waste **29**
Level 1 — 25 points 30
Level 2 — 50 points 32
Level 3 — 25 points 36
Chemicals **37**
Level 1 — 25 points 37
Level 2 — 50 points 43
Level 3 — 25 points 45

How FEM scores are calculated

Higg FEM 2026 produces a total score out of 100, a score out of 100 for each of the seven scored sections, and three level scores inside every section. Every one of them is an average, never a running total. Adding a question to a level does not raise the points on offer; it adds one more term to that level's average.

Sections and the total

The scored sections are EMS, Energy, Water, Wastewater, Air Emissions, Waste and Chemicals. Site Information & Permits and Verification are answered but carry no score. The total is the plain average of the section scores that apply to the facility, so each applicable section counts equally. Air Emissions is the only section that can drop out of the total entirely (see *Rules that switch levels or sections off*); when it does, the total is the average of the remaining six.

Levels

Each section is divided into three levels. Level 1 (tracking and foundational practices) is worth 25 points, Level 2 (baselines, targets and management practices) 50 points and Level 3 (performance and leadership) 25 points, so a section score is the sum of its three level scores out of 100.

Within a level every score is worth between 0 and 1: 1 for full credit, 0.5 where partial credit exists, 0 otherwise. The level's points are its weight multiplied by the average of the scores that apply. Ten Level 1 scores with nine at full credit and one at zero give 0.9 × 25 = 22.5 points.

Which scores count

Only scores that *apply* enter an average. A score that does not apply is left out; it is not a zero. That is why *Applies when* is stated for every score below: a facility that never sees a question, or answers **Not Applicable** where the rules allow it, is neither rewarded nor penalised for that score. Where a **Not Applicable** answer instead earns full credit, the score's text says so.

Scores that span several sources, streams or inventory items (energy sources, water sources, waste streams, chemical inventory data) are usually earned as: everything tracked = full credit, some of it = half credit, none = 0. The score's text states the rule where it differs.

Level 1 comes first

Level 2 and Level 3 scores only count once the section's Level 1 has been achieved: **Yes** (or **Partial Yes** where the question offers partial credit) to every applicable Level 1 question of that section. A facility that has not achieved Level 1 is asked whether it still wants to answer the Level 2 and Level 3 questions; the answers are recorded but earn no points, so the most a section can score without Level 1 is its 25 Level 1 points.

Rules that switch levels or sections off

- **Water.** A facility that is not high water risk (`watriskrating` **No** and average daily water use below 35,000 litres) completes Water Level 1 only, and Level 1 then carries the whole 100 section points.
- **Wastewater.** A facility whose only wastewater is domestic and goes to a septic system completes Wastewater Level 1 only, again worth the whole 100 points. A facility that releases domestic or industrial wastewater untreated cannot achieve Wastewater Level 1, so its Level 2 and Level 3 do not score.
- **Air Emissions.** The section applies only when the facility reports at least one air emission source: from operations (boilers, generators, engines, ovens and the like), from production processes, or from refrigerant-containing equipment. With none, the section is excluded from the total.

A total score of zero

The whole assessment scores zero, in every section, when the facility has no valid operating licence (`sipvalidoperatinglicense` **No**), when any permit's status is **Not available**, or when a permit is invalid because the facility no longer meets its requirement.

Scores by section

FEM 2026 has 235 scores: 102 in Level 1, 94 in Level 2 and 39 in Level 3. Each is listed in the section parts that follow, under its level and in questionnaire order, with the question or questions that feed it, when it applies and how it is earned. Question numbers are the FEM 2026 questionnaire numbers; answer values are shown in bold.

EMS

18 scores: 10 in Level 1, 4 in Level 2, 4 in Level 3.

Level 1 — 25 points

`emsmgmt` — Q1

Are one or more employees at your facility responsible for coordinating your facility's environmental management activities?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `emsmgmt` **Yes**, answering **No** results in 0 points.

`emsopsimpact` — Q2

Has your facility identified the significant environmental impacts associated with current operations within the factory premises?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `emsopsimpact` **Yes**, answering **No** results in 0 points.

`emsenvpolicy` — Q3

Does your facility have a company environmental policy?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `emsenvpolicy` **Yes**, answering **No** results in 0 points.

`emsstrategy` — Q4

Does your facility have a company environmental management strategy that guides long-term decision-making on environmental management?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `emsstrategy` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`emspermitstatus` — Q5

Does your facility have a mechanism in place to regularly review and monitor environmental permit status and renewal (where appropriate) and ensure compliance?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `emspermitstatus` **Yes**, answering **No** results in 0 points.

`emsregulationsystem` — Q6

Does your facility maintain a documented system to identify, monitor and periodically verify all laws, regulations, standards, codes, and other legislative and regulatory requirements for your significant environmental impacts (in addition to areas that are covered in required permits)?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `emsregulationsystem` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`emstraining` — Q7

Does your facility provide training to employees on environmental awareness and company environmental management strategy?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `emstraining` **Yes**, answering **No** results in 0 points.

`emsreportretaliation` — Q8

Does your facility have documented procedures to enable employees to report on environmental incidents?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `emsreportretaliation` **Yes**, answering **No** results in 0 points.

`emsequipmaintain` — Q9

Does your facility have a process and schedule to maintain all equipment?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `emsequipmaintain` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`emscontamination` — Q10

Can you please confirm there is no soil and/or groundwater contamination in your facility?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `emscontamination` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

Level 2 — 50 points

`emsleveltwo`

Applies when: This score is only applicable if the user has not achieved EMS Level One by scoring more than 0 points on every applicable EMS Level One question.

Scoring: If applicable, this score is always 0. It represents the EMS Level Two score when the user does not achieve EMS Level One.

`emsstrategyreview` — Q12

Does your facility review the environmental management system with your facility's managers each calendar year?

Applies when: This score is applicable to FEM users who have achieved EMS Level One by scoring more than 0 on all applicable scored questions in EMS Level One.

Scoring: Users receive full points for this score when they answer `emsstrategyreview` **Yes**, answering **No** results in 0 points.

`emsmgmtcompetence` — Q13

Do employees at your facility who are responsible for environmental management have the technical competence required to do their job?

Applies when: This score is applicable to FEM users who have achieved EMS Level One by scoring more than 0 on all applicable scored questions in EMS Level One.

Scoring: Users receive full points for this score when they answer `emsmgmtcompetence` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`emsstrategyawareness` — Q14

Does your facility have a program to build awareness of your environmental impacts and performance with your employees?

Applies when: This score is applicable to FEM users who have achieved EMS Level One by scoring more than 0 on all applicable scored questions in EMS Level One.

Scoring: Users receive full points for this score when they answer `emsstrategyawareness` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

Level 3 — 25 points

`emslevelthree`

Applies when: This score is only applicable if the user has not achieved EMS Level One by scoring more than 0 points on every applicable EMS Level One question.

Scoring: If applicable, this score is always 0. It represents the EMS Level Three score when the user does not achieve EMS Level One.

`emshiggindexsubcontract` — Q15

Does your facility monitor, evaluate, and/or engage with your subcontractors on their environmental performance using the Higg Index or other relevant environmental assessment?

Applies when:

This score is applicable to FEM users who:

1. achieve EMS Level One by scoring more than 0 on all applicable scored questions in EMS Level One *and;*
2. do not answer `emshiggindexsubcontract` **Not Applicable**

Scoring: Users receive full points for this score when they answer `emshiggindexsubcontract` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`emshiggindexupstream` — Q16

Does your facility monitor, evaluate, and/or engage with your upstream suppliers using the Higg Index or other relevant environmental assessment?

Applies when: This score is applicable to FEM users who have achieved EMS Level One by scoring more than 0 on all applicable scored questions in EMS Level One.

Scoring: Users receive full points for this score when they answer `emshiggindexupstream` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`emsengagelocal`

Questions: `emsengagelocal` (Q17), `emsengageconservation` (Q17.1.1), `emsengagesimilarbiz` (Q17.1.2), `emsengagelocalcomm` (Q17.1.3), `emsengagelocalstake` (Q17.1.4), `emsengagelocalgovt` (Q17.1.5), `emsengagelocalenvreg` (Q17.1.6), `emsengageother` (Q17.1.7)

Applies when: This score is applicable to FEM users who have achieved EMS Level One by scoring more than 0 on all applicable scored questions in EMS Level One.

Scoring:

Users get full points for this score if they:

1. answer `emsengagelocal` **Yes** *and*;
2. answer **Yes** to any of

- `emsengageconservation`
- `emsengagesimilarbiz`
- `emsengagelocalcomm`
- `emsengagelocalstake`
- `emsengagelocalgovt`
- `emsengagelocalenvreg`
- `emsengageother`

Users get 0 points for this score if they:

1. answer `emsengagelocal` **No** *or*;
2. answer **No** to all of

- `emsengageconservation`
- `emsengagesimilarbiz`
- `emsengagelocalcomm`
- `emsengagelocalstake`
- `emsengagelocalgovt`
- `emsengagelocalenvreg`
- `emsengageother`

Energy

23 scores: 5 in Level 1, 13 in Level 2, 5 in Level 3.

Level 1 — 25 points

`ensourcetrackopt` — Q5

Does your facility track any of its energy use (excluding energy used for company owned and controlled vehicles) ?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `ensourcetrackopt` **Yes**, answering **No** results in 0 points.

`ensourcetrackopteach` — Q6

Does your facility track energy use from each energy source your facility utilizes?

Applies when: This score is applicable to users who answer `ensourcetrackopt` **Yes**

Scoring: Users receive full points for this score when they answer `ensourcetrackopteach` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`ensourcetrack`

Questions: `ensourcetrackdomestic`, `ensourcetrackprod`, `ensourcetrack`

Applies when: This score is applicable to users who indicate tracking any energy usage by answering `ensourcetrackopt` **Yes**.

Scoring: Users who track all their energy sources as indicated by answering all applicable questions under the table columns `ensourcetrackdomestic`, `ensourcetrackprod`, and `ensourcetrack` **Yes** receive full

points, users who answer only some of those questions **Yes** get a partial score of 0.5, users who answer none of those questions **Yes** get 0 points.

`ensourcevehicletrackopt` — Q8

Does your facility track the use of every energy/fuel source used by company owned and controlled vehicles?

Applies when: This score is applicable to users who indicate that they have fuel usage for company owned and controlled vehicles as indicated by selecting at least one option in the question `ensourcevehicle`.

Scoring: Users receive full points for this score when they answer `ensourcevehicletrackopt` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`ensourcetrackvehicle`

Does your facility track its energy/fuel use from this source?

Applies when: This score is applicable to all FEM users who have indicated that they track at least some of their energy or fuel use by answering `ensourcevehicletrackopt` **Yes** or **Partial Yes**

Scoring: Users who track all their vehicle energy sources as indicated by answering all applicable questions under the table column `ensourcetrackvehicle` **Yes** receive full points, users who answer only some of those questions **Yes** get a partial score of 0.5, users who answer none of those questions **Yes** get 0 points.

Level 2 — 50 points

`enleveltwo`

Applies when: This score is only applicable if the user has not achieved Energy Level 1 which requires scoring more than 0 points on every applicable Energy Level 1 question.

Scoring: If applicable, this score is always 0. It represents the Energy Level Two score when the user does not achieve Energy Level One.

`ensourcetracksepdomprod` — Q7

Does your facility identify and track separately energy use in domestic vs. production?

Applies when: This score is applicable to FEM users who have answered `ensourcetrackopt` **Yes** indicating that they track the usage of at least some energy sources **and** have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1.

Scoring: Users receive full points for this score when they answer `ensourcetracksepdomprod` **Yes**, answering **No** results in 0 points.

`enbaselinesource` — Q9

Has your facility set baseline for any of its energy use?

Applies when: This score is applicable to FEM users who have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1.

Scoring: Users receive full points for this score when they answer `enbaselinesource` **Yes**, answering **No** results in 0 points.

`enbaselinesourceall` — Q10.1.1

Have you set a baseline for this energy source?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1
2. Indicated that they do not track domestic and production energy separately by answering `ensourcetracksepdomprod` **No**
3. Indicated that they have set energy usage baselines by answering `enbaselinesource` **Yes**

Scoring: If all available rows of the table column `enbaselinesourceall` are answered **Yes** this score is assigned full points, if only some are marked **Yes** then the score is assigned 0.5 points, otherwise, if all are **No**, no points are assigned to this score.

`enhighestuse` — Q11

Does your facility know what facility processes or operations use the most energy?

Applies when: This score is applicable to FEM users who have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1.

Scoring: Users receive full points for this score when they answer `enhighestuse` **Yes**, answering **No** results in 0 points.

`entargetssource` — Q12

Has your facility set targets for improving energy use?

Applies when: This score is applicable to FEM users who have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1.

Scoring: Users receive full points for this score when they answer `entargetssource` **Yes**, answering **No** results in 0 points.

`entargetsource` — Q13.1.1

Questions: `entargetsource` (Q13.1.1), `entargetsourcedom` (Q13.1.1), `entargetsourceprod` (Q13.1.1)

Applies when: This score is applicable to FEM users who have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1 **and** have answered `entargetssource` **Yes** indicating that they have set targets for improving energy use.

Scoring:

Points are assigned to this score based on the value of the calculation `entargetscore` which represents the share of total energy use covered by targets.

If the value of `entargetscore` is greater than or equal to 0.9 then full points are assigned, greater than or equal to 0.5 then 0.5 points are assigned, otherwise no points are assigned.

`enGHGtarget` — Q14

Has your facility set targets for reducing your facility overall Scope 1 and Scope 2 GHG emissions?

Applies when: This score is applicable to FEM users who have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1.

Scoring: Users receive full points for this score when they answer `enGHGtarget` **Yes**, answering **No** results in 0 points.

`enimproveplan` — Q15

Does your facility have an implementation plan to improve energy use and/or GHG Emissions?

Applies when: This score is applicable to FEM users who have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1.

Scoring: Users receive full points for this score when they answer `enimproveplan` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`enaudit` — Q16

Has an energy audit been conducted at your facility within the last 5 years?

Applies when: This score is applicable to FEM users who have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1.

Scoring: Users receive full points for this score when they answer `enaudit` **Yes**, answering **No** results in 0 points.

`encoalphaseout`

Questions: `encoalphaseout` (Q17), `encoalphaseoutanalysis` (Q17.1)

Applies when: This score is applicable to FEM users who have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1 **and** reported using coal or a coal based energy source in the question `ensourcefacility`.

Scoring: Users receive full points for this score when they answer both `encoalphaseout` and `encoalphaseoutanalysis` **Yes**, answering either **No** results in 0 points.

`ensourcereduceall` — Q18.5

Has your facility reduced energy consumption for this source compared with its baseline?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1
2. Have indicated that they have improved energy consumption for one or more of their energy sources compared with their baseline as indicated by answering `enimproveopt` **Yes**
3. Are reporting their domestic and production energy combined

Scoring: Users receive full points for this score when they answer at least one of the rows under the table column `ensourcereduceall` **Yes**, answering all rows as **No** results in 0 points.

`ensourcereduceprod` — Q18.5

Has your facility reduced energy consumption for this source compared with its baseline?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1
2. Have indicated that they have improved energy consumption for one or more of their energy sources compared with their baseline as indicated by answering `enimproveopt` **Yes**
3. Are reporting their domestic and production energy usage separately

Scoring: Users receive full points for this score if they indicate they have reduced their energy usage for all energy sources by answering all rows under the table column `ensourcereduceprod` **Yes**, 0.5 points if they have reduced their energy usage for some sources, and zero points otherwise.

Level 3 — 25 points

`enlevelthree`

Applies when: This score is only applicable if the user has not achieved Energy Level 1 which requires scoring more than 0 points on every applicable EMS Level 1 question.

Scoring: If applicable, this score is always 0. It represents the Energy Level Three score when the user does not achieve Energy Level One.

`enscope3ghg` — Q20

Were your facility's annual Scope 3 greenhouse gas (GHG) emissions calculated during this reporting year?

Applies when: This score is applicable to FEM users who have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1.

Scoring: Users receive full points for this score when they answer `enscope3ghg` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`enscope3sbti` — Q21

Has your facility set a Science-Based Target?

Applies when: This score is applicable to FEM users who have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1.

Scoring: Users receive full points for this score when they answer `enscope3sbti` **Yes**, answering **No** results in 0 points.

`enfossilphaseout`
Questions: `enfossilphaseout` (Q22), `enfossilphaseoutanalysis` (Q22.1)

Applies when: This score is applicable to FEM users who have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1 **and** use one or more fossil fuels as an energy source.

Scoring: Users receive full points for this score if they answer `enfossilphaseout` and `enfossilphaseoutanalysis` **Yes**, if they answer `enfossilphaseoutanalysis` **No** or `enfossilphaseout` **Partial Yes** they receive 0.5 points, otherwise they receive no points.

`enfossilphaseoutsucc` — Q23
Has your facility successfully replaced any fossil fuel(s) with renewable energy?

Applies when: This score is applicable to FEM users who have achieved Energy Level 1 by scoring more than 0 on all applicable scored questions in Energy Level 1.

Scoring: Users receive full points for this score when they answer `enfossilphaseoutsucc` **Yes**, answering **No** results in 0 points.

Water

28 scores: 6 in Level 1, 16 in Level 2, 6 in Level 3.

Level 1 — 25 points

`watsourcetrackopt` — Q2
Does your facility track any of its water use?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `watsourcetrackopt` **Yes**, answering **No** results in 0 points.

`watsourcetrackoptall` — Q3
Does your facility track the consumption of water from all the sources it utilizes?

Applies when: This score is applicable to FEM users who answer `watsourcetrackopt` **Yes**.

Scoring: Users receive full points for this score when they answer `watsourcetrackoptall` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`waterusetracking`
Questions: `wattrackdomtrack` (Q5.1.2), `wattrackprodtrack` (Q5.2.2), `wattrackalltrack` (Q5.3.2)

Applies when: This score is applicable to FEM users who have indicated that they track the consumption of water from all or some of the sources it utilizes by answering `watsourcetrackoptall` **Yes** or **Partial Yes**.

Scoring: Users who track all their water sources as indicated by answering all applicable questions under the table columns `wattrackdomtrack`, `wattrackprodtrack`, and `wattrackalltrack` **Yes** receive full points, users who answer only some of those questions **Yes** get a partial score of 0.5, users who answer none of those questions **Yes** get 0 points.

`watgroundlegalreq` — Q6
Are there any Legally Mandated Groundwater Abstraction Restrictions in your country?

Applies when: This score is applicable to FEM users who have indicated that they track the consumption of water from all or some of the sources it utilizes by answering `watsourcetrackoptall` **Yes** or **Partial Yes and** have reported using groundwater through `watsource`.

Scoring: Users receive full points for this score when they answer `watgroundlegalreq` **Yes** or **No**, answering **Unknown** results in 0 points.

`watgroundlegalreqlimit` — Q6.2.4

Are you abstracting within the legal limit?

Applies when: This score is applicable to FEM users who have indicated there are Legally Mandated Groundwater Abstraction Restrictions in their country by answering `watgroundlegalreq` **Yes**.

Scoring: Users receive full points for this score when they answer `watgroundlegalreqlimit` **Yes**, answering **No** or **Unknown** results in 0 points.

`watmonitorleaks` — Q7

Does your facility have a process to monitor the water supply network in your facility for leaks?

Applies when: This score is applicable to FEM users who have indicated that they track the consumption of water from all or some of the sources it utilizes by answering `watsourcetrackoptall` **Yes** or **Partial Yes**.

Scoring: Users receive full points for this score when they answer `watmonitorleaks` **Yes**, answering **No** results in 0 points.

Level 2 — 50 points

`watleveltwo`

Applies when: This score is applicable to FEM users who have not achieved Water Level 1 which requires scoring more than 0 points on every applicable Water Level 1 question **or** are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more.

Scoring: If applicable, this score is either 0 or the same as the Water level one score. It represents the Water Level Two score when the user either does not achieve Water Level One, in which case the score is 0, or when the user is not a high risk water user (high risk is determined either by answering `watriskrating` **Yes** or having an average daily water usage of 35,000 L or more) in which case the score is the same as the Water Level One score.

`wattrackdomprodsep` — Q5

Are you able to identify and track domestic and production water use separately?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1
2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated that they track the consumption of water from all or some of the sources it utilizes by answering `watsourcetrackoptall` **Yes** or **Partial Yes**
4. Have indicated using water for production use by answering `watproduse` **Yes**

Scoring: This is unscored in Level 1 but if users advance to Level 2, users receive full points for this score when they answer `wattrackdomprodsep` **Yes**, answering **No** results in 0 points.

`watbaselineset` — Q8

Has your facility set baselines for any of its water use?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1
2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated that they track water use from one or more of its water sources by answering `watsourcetrackopt` **Yes**

Scoring: Users receive full points for this score when they answer `watbaselineset` **Yes**, answering **No** results in 0 points.

`watbaselinesourceset`
Questions: `watbaselinesourceall` (Q10.1), `watbaselinesourcedom` (Q11.1), `watbaselinesourceprod` (Q12.1)

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1
2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated they use water for production purposes by answering `watproduse` **Yes**

Scoring: Users receive full points for this score by answering all applicable questions under the table columns `watbaselinesourceall`, `watbaselinesourcedom`, and `watbaselinesourceprod` all **Yes**, answering some but not all **Yes** results in a partial score of 0.5, and answering all **No** results in 0 points.

`watbalanceanalysismain` — Q13

Has your facility implemented a water balance or another analysis to evaluate and trace water intake against usage (i.e. which processes) and output (i.e. to wastewater treatment plant)?

Applies when: This score is applicable to FEM users who have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1 **and** are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more.

Scoring: Users receive full points for this score when they answer `watbalanceanalysis` **Yes**, answering **No** results in 0 points.

`watbalanceanalysis`
Questions: `watbalance` (Q13.1.1), `wataudit` (Q13.1.2), `watanalysisother` (Q13.1.3)

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1
2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated that they implemented a water balance or another analysis to evaluate and trace water intake against usage and output by answering `watbalanceanalysis` **Yes**

Scoring: Users receive full points for this score when they answer `watbalance`, `wataudit`, **or** `watanalysisother` **Yes** , answering all **No** results in 0 points.

`wattargetoptblue` — Q14

Has your facility set targets for reducing blue water use from any source, except rainwater?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1

2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated that they use water from blue water sources (except rainwater) by reporting their water sources in `watsource`

Scoring: Users receive full points for this score when they answer `wattargetoptblue` **Yes**, answering **No** results in 0 points.

`wattargetbluesource` — Q14.1.1

Questions: `wattargetbluesource` (Q14.1.1), `wattargetbluesourcedom` (Q14.1.1), `wattargetbluesourceprod` (Q14.1.1)

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1
2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated that they set targets for reducing blue water use from any source, except rainwater, by answering `wattargetoptblue` **Yes**

Scoring: Users receive full points for this score when their reported blue water targets cover 90% or more of their total blue water use, reporting less than 90% but greater or equal to 50% results in a partial score of 0.5, and reporting less than 50% results in 0 points.

`wattargetoptgrey` — Q15

Has your facility set targets for increasing grey water use from any source?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1
2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated that they use water from grey water sources by reporting their water sources in `watsource`

Scoring: Users receive full points for this score when they answer `wattargetoptgrey` **Yes**, answering **No** results in 0 points.

`wattargetgreysource` — Q15.1.1

Questions: `wattargetgreysource` (Q15.1.1), `wattargetgreysourcedom` (Q15.1.1), `wattargetgreysourceprod` (Q15.1.1)

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1
2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated that they set targets for reducing blue water use from any source, except rainwater, by answering `wattargetoptgrey` **Yes**

Scoring: Users receive full points for this score when their reported grey water targets cover 90% or more of their total grey water use, reporting less than 90% but greater or equal to 50% results in a partial score of 0.5, and reporting less than 50% results in 0 points.

`watimproverainharvesting`

Questions: `watimproverainharvesting` (Q16), `watrainharvestingmaxused` (Q16.6)

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1
2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated that they use rainwater in `watsource`

Scoring: Users receive full points for this score when they answer `watimproverainharvesting` **Yes**, answering **No** results in 0 points. If viewable, answering `watrainharvestingmaxused` **Yes** or **No** does not impact the score.

`watbluesourcereduceall` — Q18.5

Questions: `watbluesourcereduceall` (Q18.5), `watbluesourcereducedom` (Q18.5), `watbluesourcereduceprod` (Q18.5)

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1
2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated they have reduced blue water use for any sources, compared with their baseline by answering `watimproveopt` **Yes**

Scoring: Users receive full points for this score by answering all applicable questions under the table columns `watbluesourcereduceall`, `watbluesourcereducedom`, and `watbluesourcereduceprod` all **Yes**, answering some but not all **Yes** results in a partial score of 0.5, and answering all **No** results in 0 points.

`watbluereduction` — Q18.5.1

Questions: `watbluesourcereducepctall` (Q18.5.1), `watbluesourcereducepctdom` (Q18.5.1), `watbluesourcereducepctprod` (Q18.5.1)

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1
2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated they have reduced blue water use for any sources, compared with their baseline by answering `watimproveopt` **Yes**

Scoring: Users receive full points for this score by answering any applicable questions under the table columns `watbluesourcereducepctall`, `watbluesourcereducepctdom`, or `watbluesourcereducepctprod` with values less than zero, answering them all with values greater than or equal to zero results in 0 points.

`watgreysourceincreaseall` — Q19.5

Questions: `watgreysourceincreaseall` (Q19.5), `watgreysourceincreasedom` (Q19.5), `watgreysourceincreaseprod` (Q19.5)

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1
2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated they have improved grey water use for any sources, compared with their baseline by answering `watimproveoptgrey` **Yes**

Scoring: Users receive full points for this score by answering all applicable questions under the table columns `watgreysourceincreaseall`, `watgreysourceincreasedom`, and `watgreysourceincreaseprod` all **Yes**, answering some but not all **Yes** results in a partial score of 0.5, and answering all **No** results in 0 points.

`watgreyreduction` — Q19.5.1

Questions: `watgreysourceincreasepctall` (Q19.5.1), `watgreysourceincreasepctdom` (Q19.5.1), `watgreysourceincreasepctprod` (Q19.5.1)

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1
2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated they have improved grey water use for any sources, compared with their baseline by answering `watimproveoptgrey` **Yes**

Scoring: Users receive full points for this score by answering any applicable questions under the table columns `watgreysourceincreasepctall`, `watgreysourceincreasepctdom`, or `watgreysourceincreasepctprod` with a value less than zero, answering all with values greater than or equal to zero results in 0 points.

`watreduceplan` — Q20

Does your facility have a plan to reduce your absolute bluewater use?

Applies when: This score is applicable to FEM users who have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1 **and** are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more.

Scoring: Users receive full points for this score when they answer `watreduceplan` **Yes**, answering **No** results in 0 points.

Level 3 — 25 points

`watlevelthree`

Applies when: This score is applicable to FEM users who have not achieved Water Level 1 which requires scoring more than 0 points on every applicable Water Level 1 question **or** are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more.

Scoring: If applicable, this score is either 0 or the same as the Water level one score. It represents the Water Level Three score when the user either does not achieve Water Level One, in which case the score is 0, or when the user is not a high risk water user (high risk is determined either by answering `watriskrating` **Yes** or having an average daily water usage of 35,000 L or more) in which case the score is the same as the Water Level One score.

`watgroundelim` — Q21

Have you eliminated (reduced more than 90%) the use of groundwater for your production processes?

Applies when: This score is applicable to FEM users who have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1 **and** are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more. Answering `watgroundelim` **Not Applicable** excludes the user from this score.

Scoring: Users receive full points for this score when they answer `watgroundelim` **Yes**, answering **No** results in 0 points, and answering **Not Applicable** excludes the user from this score.

`watbluereducedemonstrate` — Q22

Can your facility demonstrate you have reduced your overall absolute bluewater use?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1
2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated they use water for production purposes by answering `watproduse` **Yes**

Scoring: Users receive full points for this score when they answer `watbluereducedemonstrate` **Yes**, answering **No** results in 0 points.

`watriskdisclosure` — Q23

Does your facility report or disclose water risk and consumption to an external reporting standard, i.e. GRI / CDP?

Applies when: This score is applicable to FEM users who have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1 **and** are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more.

Scoring: Users receive full points for this score when they answer `watriskdisclosure` **Yes**, answering **No** results in 0 points.

`watdemonstratepositiveimpact` — Q24

Can your facility demonstrate positive impact onto the water catchment/basin area or water source in your community?

Applies when: This score is applicable to FEM users who have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1 **and** are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more.

Scoring: Users receive full points for this score when they answer `watdemonstratepositiveimpact` **Yes**, answering **No** results in 0 points.

`watleadingtech` — Q25

Does your facility implement any "leading technology" practices to significantly reduce water use in the manufacturing process?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Water Level 1 by scoring more than 0 on all applicable scored questions in Water Level 1
2. Are considered to have High Risk water usage, either by answering `watriskrating` **Yes** or have an average daily water usage of 35,000 L or more
3. Have indicated they use water for production purposes by answering `watproduse` **Yes**

Scoring: Users receive full points for this score when they answer `watleadingtech` **Yes**, answering **No** results in 0 points.

Wastewater

38 scores: 20 in Level 1, 12 in Level 2, 6 in Level 3.

Level 1 — 25 points

`wwnottreated`
All wastewater must be treated prior to release into the environment. You may not report further on wastewater until your facility begins treating your domestic and/or industrial wastewater.

Applies when: This score is applicable when a user indicates that at least one of their domestic or industrial wastewater is not being treated.

Scoring: This score can only be 0 and represents the rule that a user cannot score more than 0 in the Waste Water section of FEM if they are not treating both their industrial and domestic waste water.

`wwtrackopt` — Q1
Does your facility track its wastewater volume?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `wwtrackopt` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`wwstormwatermixing`
Questions: `wwstormwatermixing` (Q3), `wwstormwatercontamination` (Q3.2)

Applies when:

This score is applicable if the user has answered

1. `wwstormwatermixing` **Yes** or **Not Applicable**. *or*;
2. `wwstormwatercontamination` **Yes**

Scoring:

Users can get the following point for this score:

- 1 point if they answer `wwstormwatermixing` **Yes** or **Not Applicable**
- 0.5 points if they answer `wwstormwatercontamination` **Yes** (which requires that they have answered `wwstormwatermixing` **No**)

It is not possible to get 0 points for this score.

`wwoffsitetreatplantcontract` — Q4
Does your facility maintain a copy of the current contract, permit, agreement or invoices regarding regulatory compliance requirements for your facility's wastewater discharge to the offsite wastewater treatment plant?

Applies when: This score is applicable for users who treat either domestic or industrial waste water in part or wholly offsite.

Scoring: Users receive full points for this score when they answer `wwoffsitetreatplantcontract` **Yes**, answering **No** results in 0 points.

`wwfunction` — Q5
Does your facility have a mechanism or process to monitor whether your wastewater treatment plant is functioning as per the design parameters (Volume, Flow Rate, Input /Output Quality)?

Applies when: This score is applicable to users who treat either domestic or industrial waste water wholly or in part onsite - including facilities with zero liquid discharge for either waste water source.

Scoring: Users receive full points for this score when they answer `wwfunction` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`wwemergplan` — Q6
Does your facility have a back-up plan if there is an emergency related to wastewater?

Applies when: This question is applicable to users with industrial waste water treatment including those with zero liquid discharge of industrial waste water.

Scoring: Users receive full points for this score when they answer `wwemergplan` **Yes**, answering **No** results in 0 points.

`wwcontactauthorities` — Q6.1

Does your facility have a process to contact appropriate government authorities or agencies as legally required in case of accidental discharge?

Applies when: This score is applicable to FEM users who answer `wwemergplan` **Yes.**

Scoring: Users receive full points for this score when they answer `wwcontactauthorities` **Yes** or **Not legally required**, answering **No** results in 0 points.

`wwleaking` — Q7

Can you please confirm that wastewater generated by the facility is not discharged to the environment through leaking and/or bypassing?

Applies when: This score is applicable to users with any industrial waste water, including those with zero liquid discharge. It is also applicable to users with zero liquid discharge of their domestic waste water.

Scoring: Users receive full points for this score when they answer `wwleaking` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`wwsludgestorage` — Q11

Does your facility have well-marked, designated wastewater sludge storage areas?

Applies when: This score is applicable to FEM users with any onsite waste water treatment (excluding septic treatment of domestic waste water) including those with zero liquid discharge of either domestic or industrial waste water.

Scoring: Users receive full points for this score when they answer `wwsludgestorage` **Yes**, answering **No** results in 0 points.

`wwsludgestoragepermeability` — Q11.1.1

The surface of the wastewater sludge storage area prevents permeability into the ground and is inert in nature.

Applies when: This score is applicable to FEM users who answer `wwsludgestorage` **Yes.**

Scoring: Users receive full points for this score when they answer `wwsludgestoragepermeability` **Yes**, answering **No** results in 0 points.

`wwsludgeprecipitation` — Q11.1.2

The wastewater sludge storage area is protected from exposure to precipitation and stormwater runoff.

Applies when: This score is applicable to FEM users who answer `wwsludgestorage` **Yes.**

Scoring: Users receive full points for this score when they answer `wwsludgeprecipitation` **Yes**, answering **No** results in 0 points.

`wwsludgestoredseperate` — Q11.1.3

Industrial and domestic wastewater sludge is kept and stored separately.

Applies when: This score is applicable to FEM users who answer `wwsludgestorage` **Yes** and do not answer `wwsludgestoredseperate` **Not Applicable.**

Scoring: Users receive full points for this score when they answer `wwsludgestoredseperate` **Yes**, answering **No** results in 0 points.

`wwsludgeprotect` — Q11.1.4

The industrial wastewater sludge storage area is protected from unauthorized employees.

Applies when: This score is applicable to FEM users who answer `wwsludgestorage` **Yes.**

Scoring: Users receive full points for this score when they answer `wwsludgeprotect` **Yes** or **Not Applicable**, answering **No** results in 0 points.

`wwhsludgedisposal` — Q12
Is industrial wastewater sludge disposed of properly?

Applies when: This question is applicable to FEM users with industrial waste water treatment onsite or offsite - including those with zero liquid discharge of industrial waste water.

Scoring: Users receive full points for this score when they answer `wwhsludgedisposal` **Yes**, answering **No** results in 0 points.

`wwsludgethirdparty` — Q13.1
Does your facility use an authorized third party for legal disposal of Industrial wastewater sludge?

Applies when: This score is applicable to FEM users who answer `wwsludge` **Yes** or **Partial Yes**.

Scoring: Users receive full points for this score when they answer `wwsludgethirdparty` **Yes**, answering **No** results in 0 points.

`wwsludgeretaindocuments` — Q13.2
Does your facility retain documentation of all wastewater sludge transportation and disposal/ treatment companies?

Applies when: This score is applicable to FEM users who answer `wwsludge` **Yes** or **Partial Yes**.

Scoring: Users receive full points for this score when they answer `wwsludgeretaindocuments` **Yes**, answering **No** results in 0 points.

`wwsludgelicensed` — Q13.3
Are all Industrial wastewater sludge transporters, treatment, and disposal facilities licensed and permitted?

Applies when: This score is applicable to FEM users who answer `wwsludge` **Yes** or **Partial Yes**.

Scoring: Users receive full points for this score when they answer `wwsludgelicensed` **Yes**, answering **No** results in 0 points.

`wwsludgetraining` — Q14
Does your facility provide training to all employees whose work involves wastewater sludge handling (such as maintenance and custodial staff)?

Applies when: This score is applicable to FEM users with onsite domestic or industrial waste water treatment (excluding those whose only waste water treatment is septic treatment of domestic waste water) including those with zero liquid discharge.

Scoring: Users receive full points for this score when they answer `wwsludgetraining` **Yes**, answering **No** results in 0 points.

`wwnhsludgedisposal` — Q15
Is domestic wastewater sludge disposed of properly?

Applies when: This score is applicable to FEM users with onsite treatment of domestic waste water, excluding treatment exclusively through septic and including zero liquid discharge.

Scoring: Users receive full points for this score when they answer `wwnhsludgedisposal` **Yes**, answering **No** results in 0 points.

`wwsepticwater` — Q16
Does your facility manage the residue of the septic system?

Applies when: This score is applicable to FEM users with septic treatment of domestic waste water.

Scoring: Users receive full points for this score when they answer `wwsepticwater` **Yes**, answering **No** results in 0 points.

Level 2 — 50 points

`wwleveltwo`
Applies when: This score is applicable to FEM users who have not achieved Wastewater Level 1 which requires scoring more than 0 points on every applicable Wastewater Level 1 question **or** exclusively generate domestic wastewater which is treated by a septic system.

Scoring: If a user exclusively generates domestic waste water which is treated by a septic system then this score is the same as the Waste Water Level One score. Since users within that applicability do not see Waste Water Level Two questions their Waste Water Level Two score is set to be the same as their Waste Water Level One Score. *Otherwise* this score is 0, representing a 0 score for Waste Water Level Two when Waste Water Level One is not achieved.

`wwstandard` — Q18
Are you reporting against any wastewater standard additional to the legal requirement?

Applies when: This score is applicable to FEM users who have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1 **and** do not treat waste water exclusively through a domestic septic system.

Scoring: Users receive full points for this score when they answer `wwstandard` **Yes** or **Not Applicable**, answering **No** results in 0 points.

`wwcompliancestandard` — Q20.2
Are you in compliance/conformance with the reported wastewater standard?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1
2. Do not treat waste water exclusively through a domestic septic system
3. Have answered `wwstandard` **Yes**

Scoring: Users receive full points for this score when they answer all available cells under the table column `wwcompliancestandard` **Yes**, answering some but not all **Yes** results in a partial score of 0.5, and not answering any **Yes** results in 0 points. For scoring, the answers **Partial Yes** and **No** are treated the same.

`wwzdhcguideline` — Q21
If you reported against ZDHC wastewater guidelines, did your facility test your wastewater and meet foundational level conventional parameters and Anion in the reporting year? (Take the last test of the reporting year)

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1
2. Do not treat waste water exclusively through a domestic septic system
3. Treat industrial waste water on site (excluding zero liquid discharge)
4. Have indicated reporting against at least one of the following wastewater standards:
   - ZDHC Wastewater Guidelines (for Leather & Textile) (WWG)
   - ZDHC MMCF Guidelines
   - ZDHC Sludge Reference Document
5. Have answered `wwzdhcguideline` with something other than **Not Applicable** — a **Not Applicable** answer removes this score from the Wastewater Level 2 average instead of counting as 0 points

Scoring: Users receive full points for this score when they answer `wwzdhcguideline` **Yes**, answering **No** results in 0 points.

`wwzdhcfoundational` — Q22

If you reported against ZDHC wastewater guideline, did your facility test your wastewater and meet foundational level heavy metal limits in the reporting year? (Take the last test of the reporting year)

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1
2. Do not treat waste water exclusively through a domestic septic system
3. Treat industrial waste water on site (excluding zero liquid discharge)
4. Have indicated reporting against at least one of the following wastewater standards:
   - ZDHC Wastewater Guidelines (for Leather & Textile) (WWG)
   - ZDHC MMCF Guidelines
   - ZDHC Sludge Reference Document
5. Have answered `wwzdhcfoundational` with something other than **Not Applicable** — a **Not Applicable** answer removes this score from the Wastewater Level 2 average instead of counting as 0 points

Scoring: Users receive full points for this score when they answer `wwzdhcfoundational` **Yes**, answering **No** or **Partial Yes** results in 0 points.

`wwtestmrsl` — Q23

If you reported against ZDHC wastewater guidelines, did your facility test your wastewater and meet MRSL parameter requirements in the reporting year?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1
2. Do not treat waste water exclusively through a domestic septic system
3. Treat industrial waste water onsite or offsite (including zero liquid discharge)
4. Have indicated reporting against at least one of the following wastewater standards:
   - ZDHC Wastewater Guidelines (for Leather & Textile) (WWG)
   - ZDHC MMCF Guidelines
   - ZDHC Sludge Reference Document

Scoring: Users receive full points for this score when they answer `wwtestmrsl` **Yes** or **Not Applicable**, answering **No** or **Partial Yes** results in 0 points.

`wwtesttss` — Q24

If you reported against ZDHC wastewater guidelines, did your facility test your wastewater and meet foundational limits for microfiber parameters (i.e. Total Suspended Solids (TSS)) in the reporting year?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1
2. Do not treat waste water exclusively through a domestic septic system
3. Treat industrial waste water onsite (including zero liquid discharge)
4. Have indicated reporting against at least one of the following wastewater standards:
   - ZDHC Wastewater Guidelines (for Leather & Textile) (WWG)
   - ZDHC MMCF Guidelines
   - ZDHC Sludge Reference Document

5. Have answered `wwtesttss` with something other than **Not Applicable** — a **Not Applicable** answer removes this score from the Wastewater Level 2 average instead of counting as 0 points

Scoring: Users receive full points for this score when they answer `wwtesttss` **Yes**, answering **No** or **Partial Yes** results in 0 points.

`wwsludgegenerated` — Q25

Does your facility track wastewater sludge by each source which includes all sludge generated onsite and its disposition in your sludge inventory?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1
2. Treat waste water onsite (including zero liquid discharge)
3. Do not treat waste water exclusively through a domestic septic system

Scoring: Users receive full points for this score when they answer `wwsludgegenerated` **Yes**, answering **No** results in 0 points.

`wwsludgeaccount` — Q26

Does your facility maintain manifests or similar documentation of the handling, transportation, processing, and disposal of sludge, accounting for all domestic sludge generated at the facility?

Applies when: This score is applicable to FEM users who have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1 **and** treat domestic waste water onsite unless exclusively through a domestic septic system.

Scoring: Users receive full points for this score when they answer `wwsludgeaccount` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`wwthirdpartydisposal` — Q26.1

Does your facility use authorized third party for legal disposal of domestic wastewater sludge?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1
2. Do not treat waste water exclusively through a domestic septic system
3. Have answered `wwsludgeaccount` either **Yes** or **Partial Yes**

Scoring: Users receive full points for this score when they answer `wwthirdpartydisposal` **Yes** or **Not Applicable**, answering **No** results in 0 points.

`wwsludgedocuments` — Q26.2

Does your facility retain documentation of all wastewater sludge transportation and disposal/ treatment companies?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1
2. Do not treat waste water exclusively through a domestic septic system
3. Have answered `wwsludgeaccount` either **Yes** or **Partial Yes**
4. Have not answered `wwthirdpartydisposal` **Not Applicable**

Scoring: Users receive full points for this score when they answer `wwsludgedocuments` **Yes**, answering **No** results in 0 points.

`wwqualitytest` — Q28

Have you requested wastewater quality test results from the offsite wastewater treatment plant?

Applies when: This score is applicable to FEM users who have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1 **and** have offsite treatment of either domestic or industrial waste water.

Scoring: Users receive full points for this score when they answer `wwqualitytest` **Yes**, answering **No** results in 0 points.

Level 3 — 25 points

`wwlevelthree`

Applies when: This score is applicable to FEM users who have not achieved Wastewater Level 1 which requires scoring more than 0 points on every applicable Wastewater Level 1 question **or** exclusively generate domestic wastewater which is treated by a septic system.

Scoring: If a user exclusively generates domestic waste water which is treated by a septic system then this score is the same as the Waste Water Level One score. Since users within that applicability do not see Waste Water Level Three questions their Waste Water Level Three score is set to be the same as their Waste Water Level One Score. Otherwise this score is 0, representing a 0 score for Waste Water Level Three when Waste Water Level One is not achieved.

`wwengage` — Q29

Does your facility engage/collaborate with your off-site wastewater treatment plant to improve their wastewater treatment and/or engage in recycling?

Applies when: This score is applicable to FEM users who have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1 **and** have offsite treatment of either domestic or industrial waste water.

Scoring: Users receive full points for this score when they answer `wwengage` **Yes**, answering **No** results in 0 points.

`wwreuse` — Q30

Does your facility reuse process wastewater as process water?

Applies when: This score is applicable to FEM users who have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1 **and** have industrial waste water treatment including zero liquid discharge.

Scoring: Users receive full points for this score when they answer `wwreuse` **Yes**, answering **No** results in 0 points.

`wwrecycleindustrial` — Q31

Does your facility recycle industrial wastewater for production processes ?

Applies when: This score is applicable to FEM users who have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1 **and** treat industrial waste water onsite unless exclusively through a domestic septic system.

Scoring: Users receive full points for this score when they answer `wwrecycleindustrial` **Yes**, answering **No** results in 0 points.

`wwrecycleindustrialpercent` — Q31.2

Enter the percentage of treated industrial wastewater recycled back into the production processes

Applies when: This score is applicable to FEM users who have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1 **and** do not treat waste water exclusively through a domestic septic system.

Scoring: Users receive full points for this score when they answer `wwrecycleindustrialpercent` with a value greater than or equal to **50**, answering with a value greater than or equal to **20** results in a partial score of 0.5, and answering with a value less than **20** results in 0 points.

`wwrecycledomestic` — Q32

Does your facility recycle domestic wastewater for domestic use (i.e. landscape irrigation, toilets)? (only apply to domestic wastewater onsite only)

Applies when:

This score is applicable to FEM users who meet **all** the following criteria:

1. Have achieved Waste Water Level 1 by scoring more than 0 on all applicable scored questions in Waste Water Level 1.
2. Treat domestic waste water onsite unless exclusively through a domestic septic system
3. Did not answer `wwrecycledomestic` as **Not Applicable**

Scoring: Users receive full points for this score when they answer `wwrecycledomestic` **Yes**, answering **No** results in 0 points. This question is not scored if they answer **Not Applicable.**

Air Emissions

24 scores: 9 in Level 1, 10 in Level 2, 5 in Level 3.

Level 1 — 25 points

`airsourceinvent` — Q1

Has your facility created an inventory of all point source air emission sources at your facility?

Applies when: This score is applicable to all FEM users who have operations, production, or refrigerant air emissions.

Scoring: Users receive full points for this score when they answer `airsourceinvent` **Yes**, answering **No** results in 0 points.

`airsourceinventinfo` — Q1.1

Does your facility's point source air emissions inventory include the following information? Select all that apply

Applies when: This score is applicable to users who have indicated that they have created an inventory of all point source air emission sources at their facility by answering `airsourceinvent` **Yes.**

Scoring:

Selecting all of the following options for `airsourceinventinfo` results in full points being assigned to this score:

- Unique source identifier
- Process or Equipment the source is linked to
- List of pollutants emitted from the source
- Legal or other emissions, testing or reporting requirements
- Control devices installed on the source

Otherwise 0.5 points are assigned.

`airmobile` — Q2

Has your facility created an inventory of all mobile and fugitive air emission sources at your facility?

Applies when: This score is applicable to users who have air emissions from production, operations, or refrigerants **and** do not answer `airmobile` **Not Applicable.**

Scoring: Users receive full points for this score when they answer `airmobile` **Yes**, answering **No** results in 0 points. Answering **Not Applicable** excludes the score.

`airmobileinfo` — Q2.1

Does your facility's mobile and fugitive air emissions inventory include the following information? Select all that apply

Applies when: This score is applicable to users who indicate they have created an inventory of all mobile and fugitive air emission sources at their facility by answering `airmobile` **Yes.**

Scoring:

Selecting all of the following options for `airmobileinfo` results in full points being assigned to this score:

- Unique source identifier
- Process or Equipment the source is linked to
- List of pollutants emitted from the source
- Legal or other emissions, testing or reporting requirements
- Abatement processes for the source

Otherwise 0.5 points are assigned.

`aircompliance` — Q3

Is your facility in compliance with all applicable legal requirements relating to air emissions including all permitting, reporting and testing requirements?

Applies when: This score is applicable to users who have air emissions from production, operations, or refrigerants.

Scoring: Users receive full points for this score when they answer `aircompliance` **Yes**, answering **No** results in 0 points.

`aircomplianceplan` — Q3.1

Does your facility have an action plan to address the non-compliance?

Applies when: This score is applicable to users who indicate they are out of compliance with some air emissions permitting, reporting or testing requirements by answering `aircompliance` **No**.

Scoring: Users receive full points for this score when they answer `aircomplianceplan` **Yes**, answering **No** results in 0 points.

`airrefrigerant` — Q4

Do you know what refrigerant(s) your facility uses?

Applies when: This score is applicable to users with refrigerant emissions.

Scoring: Users receive full points for this score when they answer `airrefrigerant` **Yes**, answering **No** results in 0 points.

`airleakage` — Q5

Does your facility have preventative maintenance procedures in place to avoid refrigerant leakage from your equipment?

Applies when: This score is applicable to users with refrigerant emissions who indicate they know what refrigerants the facility uses by answering `airrefrigerant` **Yes.**

Scoring: Users receive full points for this score when they answer `airleakage` **Yes**, answering **No** results in 0 points.

`airrefrigtrack` — Q6

Does your facility track refrigerant usage?

Applies when: This score is applicable to users with refrigerant emissions who indicate they know what refrigerants the facility uses by answering `airrefrigerant` **Yes**.

Scoring: Users receive full points for this score when they answer `airrefrigtrack` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

Level 2 — 50 points

`airleveltwo`
Applies when: This score is only applicable if the user has not achieved Air Emissions Level 1 which requires scoring more than 0 points on every applicable Air Emissions Level 1 question.

Scoring: If applicable, this score is always 0. It represents the Air Emissions Level Two score when the user does not achieve Air Emissions Level One.

`airmonitorscore` — Q7
Are you monitoring or reporting against any industry guidelines or tools for air emissions (additional to the legal requirement)?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Air Emissions Level 1 by scoring more than 0 on all applicable scored questions in Air Emissions Level 1
2. Have air emissions from operations, product, or refrigerants
3. Do not answer `airmonitor` **Not Applicable**

Scoring: Users receive full points for this score when they answer `airmonitor` **Yes**, answering **No** results in 0 points. Answering **Not Applicable** excludes the score.

`airpollutanttrack` — Q8
Does your facility track the total annual emissions quantities of key pollutants from all point source emissions from facility operations?

Applies when: This score is applicable to FEM users who have achieved Air Emissions Level 1 by scoring more than 0 on all applicable scored questions in Air Emissions Level 1 **and** who have air emissions from operations.

Scoring: Users receive full points for this score when they answer `airpollutanttrack` **Yes**, answering **No** results in 0 points.

`airproduction` — Q9
Does your facility track the total annual emissions quantities of key pollutants from all emissions from production?

Applies when: This score is applicable to FEM users who have achieved Air Emissions Level 1 by scoring more than 0 on all applicable scored questions in Air Emissions Level 1 **and** who have air emissions from production.

Scoring: Users receive full points for this score when they answer `airproduction` **Yes**, answering **No** results in 0 points.

`airreduce` — Q10
Has your facility established an implementation plan to reduce air emissions from facility operations?

Applies when: This score is applicable to FEM users who have achieved Air Emissions Level 1 by scoring more than 0 on all applicable scored questions in Air Emissions Level 1 **and** who have air emissions from operations.

Scoring: Users receive full points for this score when they answer `airreduce` **Yes**, answering **No** results in 0 points.

`airimplementation` — Q11
Has your facility established an implementation plan to reduce air emissions from production processes?

Applies when: This score is applicable to FEM users who have achieved Air Emissions Level 1 by scoring more than 0 on all applicable scored questions in Air Emissions Level 1 **and** who have air emissions from production.

Scoring: Users receive full points for this score when they answer `airimplementation` **Yes**, answering **No** results in 0 points.

`airindustryreq` — Q12

Are you meeting / conforming to the requirements of the industry guideline(s) on air emissions?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Air Emissions Level 1 by scoring more than 0 on all applicable scored questions in Air Emissions Level 1
2. Have air emissions from operations, product, or refrigerants
3. Report against "ZDHC Air Emissions Guidelines" or "ZDHC MMCF Guidelines" as indicated by the answer to `airmonitorstandard`

Scoring: Users receive full points for this score when they answer `airindustryreq` **Yes**, answering **No** results in 0 points.

`airindustryreqlevel` — Q12.1

If yes, which level of air performance have you achieved

Applies when: This score is applicable to users who have achieved Air Emissions Level 1 by scoring more than 0 on all applicable scored questions in Air Emissions Level 1 **and** have indicated they are meeting / conforming to the requirements of the industry guideline(s) on air emissions by answering `airindustryreq` **Yes.**

Scoring: Answering `airindustryreqlevel` **Level 2: Progressive** or **Level 3: Aspirational** results in full points for this score. Answering **Level 1: Foundation** results in 0.5 points. It is not possible to get zero points.

`airreplace` — Q13

Do you have a plan to or have you already replaced your current refrigerant with low ODP/ low GWP refrigerant gasses that goes beyond current legal requirements?

Applies when: This score is applicable to FEM users who have achieved Air Emissions Level 1 by scoring more than 0 on all applicable scored questions in Air Emissions Level 1 **and** have refrigerant emissions.

Scoring: Users receive full points for this score when they answer `airreplace` **Yes**, answering **No** results in 0 points.

`airpolicies` — Q14

Does the facility have business policies or procedures in effect that ensure that all Best Available Technologies (BAT) for air emissions reductions are considered in the long-term environmental plans of the facility?

Applies when: This score is applicable to FEM users who have achieved Air Emissions Level 1 by scoring more than 0 on all applicable scored questions in Air Emissions Level 1 **and** have production or operations emissions.

Scoring: Users receive full points for this score when they answer `airpolicies` **Yes**, answering **No** results in 0 points.

Level 3 — 25 points

`airlevelthree`

Applies when: This score is only applicable if the user has not achieved Air Emissions Level 1 which requires scoring more than 0 points on every applicable Air Emissions Level 1 question.

Scoring: If applicable, this score is always 0. It represents the Air Emissions Level Three score when the user does not achieve Air Emissions Level One.

`airplan` — Q15

Has your facility made progress on your implementation plan to reduce air emissions from facility operations in the reporting year?

Applies when: This score is applicable to FEM users who have achieved Air Emissions Level 1 by scoring more than 0 on all applicable scored questions in Air Emissions Level 1 **and** have operations emissions.

Scoring: Users receive full points for this score when they answer `airplan` **Yes**, answering **No** results in 0 points.

`airprogress` — Q16

Has your facility made progress on your implementation plan to reduce air emissions from production processes in the reporting year?

Applies when:

This score is applicable to FEM users who meet **all** of the following criteria:

1. Have achieved Air Emissions Level 1 by scoring more than 0 on all applicable scored questions in Air Emissions Level 1
2. Have production emissions
3. Have established an implementation plan to reduce air emissions from production processes, by answering `airimplementation` **Yes**

Scoring: Users receive full points for this score when they answer `airprogress` **Yes**, answering **No** results in 0 points.

`airreplacelegal` — Q17

Has your facility replaced any refrigerant with low ODP / low GWP refrigerant gasses that goes beyond current legal requirements?

Applies when: This score is applicable to FEM users who have achieved Air Emissions Level 1 by scoring more than 0 on all applicable scored questions in Air Emissions Level 1 **and** have refrigerant emissions.

Scoring: Users receive full points for this score when they answer `airreplacelegal` **Yes**, answering **No** results in 0 points.

`airtech` — Q18

Have you utilized the best available technology (BAT) for the major air emissions from your facility?

Applies when: This score is applicable to FEM users who have achieved Air Emissions Level 1 by scoring more than 0 on all applicable scored questions in Air Emissions Level 1 **and** have production or operations emissions.

Scoring: Users receive full points for this score when they answer `airtech` **Yes**, answering **No** results in 0 points.

Waste

42 scores: 12 in Level 1, 27 in Level 2, 3 in Level 3.

Level 1 — 25 points

`wstsourcenh` — Q2
Does your facility track any of its non-hazardous waste streams?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `wstsourcenhtrack` **Yes**, answering **No** results in 0 points.

`wstsourceeach` — Q3
Does your facility track each non-hazardous waste stream your facility generates?

Applies when: This score is applicable to FEM users who indicate that they track at least some of their non-hazardous waste by answering `wstsourcenhtrack` **Yes**.

Scoring: Users receive full points for this score when they answer `wstsourceeach` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`wstsourcenhtrackindv` — Q4.1
Do you track this waste stream?

Applies when: This score is applicable to FEM users who indicate that they track at least some of their non-hazardous waste by answering `wstsourceeach` **Yes** or **Partial Yes**.

Scoring: This score is assigned full points if every row of the table column `wstsourcenhtracksource` is answered **Yes**, if only some are answered **Yes** then 0.5 points are assigned, otherwise 0 points are assigned to the score.

`wstsourceh` — Q6
Does your facility track any of its hazardous waste streams?

Applies when: This score applies to all FEM users.

Scoring: Users receive full points for this score when they answer `wstsourcehtrack` **Yes**, answering **No** results in 0 points.

`wstsourcehtrackeach` — Q7
Does your facility track each hazardous waste stream your facility generates?

Applies when: This score is applicable to FEM users who indicate that they track at least some of their hazardous waste by answering `wstsourcehtrack` **Yes**.

Scoring: Users receive full points for this score when they answer `wstsourcehtrackeach` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`wstsourcehtrackindv` — Q8.1
Do you track this waste stream?

Applies when: This score is applicable to FEM users who indicate that they track at least some of their hazardous waste by answering `wstsourcehtrack` **Yes**.

Scoring: This score is assigned full points if every row of the table column `wstsourcehtracksource` is answered **Yes**, if only some are answered **Yes** then 0.5 points are assigned, otherwise 0 points are assigned to the score.

`wstsegregatestreams` — Q9
Does your facility both segregate waste (hazardous and non-hazardous) and store these waste separately?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `wstsegregatestreams` **Yes**, answering **No** results in 0 points.

`wsthstorage`
Questions: `wsthstorage` (Q10), `wsthstoragevent` (Q10.1), `wsthstoragelocked` (Q10.2), `wsthstoragenonsmoke` (Q10.3), `wsthstoragemarked` (Q10.4), `wsthstoragefloor` (Q10.5), `wsthstorageflamsubs` (Q10.6), `wsthstoragesegragate` (Q10.7), `wsthstoragespillppe` (Q10.8), `wsthstorageempppe` (Q10.9), `wsthstoragespace` (Q10.10), `wsthstorage1` (Q10.11), `wsthstoragegoodcondition` (Q10.12), `wsthstorageslids` (Q10.13), `wsthstoragesecured` (Q10.14)

Applies when: This score is applicable to all FEM users.

Scoring:

Full points are assigned to this score if every question in the following list is answered **Yes**

- `wsthstorage`
- `wsthstoragevent`
- `wsthstoragelocked`
- `wsthstoragenonsmoke`
- `wsthstoragemarked`
- `wsthstoragefloor`
- `wsthstorageflamsubs`
- `wsthstoragesegragate`
- `wsthstoragespillppe`
- `wsthstorageempppe`
- `wsthstoragespace`
- `wsthstorage1`
- `wsthstoragegoodcondition`
- `wsthstorageslids`
- `wsthstoragesecured`

otherwise 0.5 points are assigned if at least `wsthstorage` is answered **Yes**, and 0 points are assigned if `wsthstorage` is answered **No**.

`wstnhstorage`
Questions: `wstnhstorage` (Q11), `wstnhstoragevent` (Q11.1), `wstnhstoragemarked` (Q11.2), `wstnhstorageflamsubs` (Q11.3), `wstnhstorage1` (Q11.4), `wstnhstorageppe` (Q11.5), `wstnhstoragegoodcondition` (Q11.6), `wstnhstoragesecured` (Q11.7)

Applies when: This score is applicable to all FEM users.

Scoring:

Full points are assigned to this score if every question in the following list is answered **Yes**

- `wstnhstorage`
- `wstnhstoragevent`
- `wstnhstoragemarked`
- `wstnhstorageflamsubs`
- `wstnhstorage1`
- `wstnhstorageppe`
- `wstnhstoragegoodcondition`
- `wstnhstoragesecured`

otherwise 0.5 points are assigned if at least `wstnhstorage` is answered **Yes**, and 0 points are assigned if `wstnhstorage` is answered **No**.

`wstpolhtml` — Q12

Does your facility forbid all irresponsible waste disposal actions including open burning, open dumping, burying waste and intentional release into soil and/or water?

Applies when: This question is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `wstpolburn` **Yes**, answering **No** results in 0 points.

`wsttraining` — Q13
Does your facility provide awareness training to employees regarding segregation of waste?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `wsttraining` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`wsthtrain` — Q14
Does your facility provide training to all employees whose work involves hazardous waste handling (such as maintenance and custodial staff) within the facility?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `wsthtrain` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** or **Unknown** results in 0 points.

Level 2 — 50 points

`wstleveltwo`
Applies when: This score is only applicable if the user has not achieved Waste Level 1 which requires scoring more than 0 points on every applicable Waste Level 1 question.

Scoring: If applicable, this score is always 0. It represents the Waste Level Two score when the user does not achieve Waste Level One.

`wstbaselinenh` — Q15
Has your facility set baselines for non-hazardous waste?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstbaselinenh` **Yes**, answering **No** results in 0 points.

`wstbaselinenhsource` — Q15.1.1
Have you set a baseline for this non-hazardous waste stream?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1 **and** have indicated that they have set baselines for non-hazardous waste by answering `wstbaselinenh` **Yes.**

Scoring: Full points are assigned to this score when every row in the table column **wstbaselinenhsource** is answered **Yes** if only some are answered **Yes** then 0.5 points are assigned, otherwise 0 points are assigned to the score.

`wstbaselineh` — Q16
Has your facility set baselines for hazardous waste?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstbaselineh` **Yes**, answering **No** results in 0 points.

`wstbaselinehsource` — Q16.1.1
Have you set a baseline for this hazardous waste stream?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1 **and** have indicated that they have set baselines for their hazardous waste by answering `wstbaselineh` **Yes.**

Scoring: Full points are assigned to this score if every row for the table column `wstbaselinehsource` is answered **Yes**, if only some are answered **Yes** then 0.5 points are assigned, otherwise 0 points are assigned to the score.

`wstbaselinedisp` — Q18
Did you set a baseline for waste disposal methods for your facility's overall waste?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstbaselinedisp` **Yes**, answering **No** results in 0 points.

`wsttargetnh` — Q19
Does your facility set formal targets to reduce non-hazardous waste generation?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wsttargetnh` **Yes**, answering **No** results in 0 points.

`wsttargetnhset` — Q19.1.1
Have you set a target for this non-hazardous waste?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1 **and** have indicated that they have set targets for non-hazardous waste by answering `wsttargetnhset` **Yes**

Scoring: Full points are assigned to this question when every row of the table column `wsttargetnhset` is answered **Yes**, if only some are answered **Yes** then 0.5 points are assigned, otherwise 0 points are assigned.

`wsttargetnhsourcechange` — Q19.2.1
What is your target for change (in %) in reducing generation from this waste stream? (Enter negative for reduction target)

Applies when:

This score is applicable to FEM users who meet **all** the following criteria:

1. Achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1
2. Indicated that they have set targets for non-hazardous waste by answering `wsttargetnh` **Yes**
3. Have answered at least one of the rows of the table column `wsttargetnhset` **Yes**.

Scoring: If the value of the calculation `wstnhtargetscore`, which represents the share of waste with targets set against it, is greater than or equal to 0.9 then full points are assigned to this score. If it is greater than or equal to 0.5 then 0.5 points are assigned to this score, otherwise 0 points are assigned.

`wsttargeth` — Q20
Does your facility set formal targets to reduce hazardous waste generation?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wsttargeth` **Yes**, answering **No** results in 0 points.

`wsttargethsource` — Q20.1.1
Have you set a target for this hazardous waste?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1 **and** have indicated that they have set targets for hazardous waste by answering `wsttargeth` **Yes.**

Scoring: Full points are assigned to this question when every row of the table column `wsttargethsource` is answered **Yes**, if only some are answered **Yes** then 0.5 points are assigned, otherwise 0 points are assigned.

`wsttargethsourcechange` — Q20.2.1

What is your target for change (in %) in reducing generation from this waste stream? (Enter negative for reduction target)

Applies when:

This score is applicable to FEM users who meet **all** the following criteria:

1. Achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1
2. Indicated that they have set targets for one or more hazardous waste sources by answering `wsttargeth` **Yes**
3. Indicated that they have set a target for at least on hazardous waste source by answering a row in the table column `wsttargethsource` **Yes**

Scoring: Full points are assigned to this score when the calculation `wsthtargetscore`, which represents the share of hazardous waste with a target set against it is greater than or equal to 0.9, when the value is greater than or equal to 0.5 then 0.5 points are assigned, otherwise 0 points are assigned.

`wsttargetdisp` — Q21

Does your facility set a target for improving waste disposal methods for your facility's overall waste? For example, by switching from least preferred to less preferred or preferred options or by switching from less preferred options to preferred options.

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wsttargetdisp` **Yes** or **Not Applicable**, answering **No** results in 0 points.

`wstmanage1` — Q22.1

Waste mapping – understanding waste flows from different processes. Includes: textile waste, sludge, emissions, discharge, etc.

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstmanage1` **Yes**, answering **No** results in 0 points.

`wstmanage2` — Q22.2

Waste segregation – segregate waste materials so they are clean/controlled. For textile waste: separate into different material types, such as cotton / nylon / polyester / blend specific

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstmanage2` **Yes**, answering **No** results in 0 points.

`wstmanage3` — Q22.3

Waste training – training specific team members to correctly segregate (textile) waste, so it remains clean and retains value for recycling

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstmanage3` **Yes**, answering **No** results in 0 points.

`wstmanage4` — Q22.4
Waste storing – store waste materials separately

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstmanage4` **Yes**, answering **No** results in 0 points.

`wstmanage5` — Q22.5
Waste labelling/bagging – label/bag separate waste materials

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstmanage5` **Yes**, answering **No** results in 0 points.

`wstmanage6` — Q22.6
Waste tracking & digitized reporting – to offer information/insights to waste solution providers and traceability

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstmanage6` **Yes**, answering **No** results in 0 points.

`wstmanage7` — Q22.7
Waste matching to solution providers for recycling/upcycling/downcycling/… service providers that can valorize the waste streams

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstmanage7` **Yes**, answering **No** results in 0 points.

`wstmanage8` — Q22.8
Working with stakeholders, such as recyclers and product creators to create fully circular systems such as recycling waste streams back into new products.

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstmanage8` **Yes**, answering **No** results in 0 points.

`wstredimpplan` — Q23
Does your facility have an implementation plan to switch to a more preferred waste disposal method?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstredimpplan` **Yes** or **Not Applicable**, answering **No** or **Partial Yes** results in 0 points.

`wstredimpnhsource` — Q24
Has your facility reduced non-hazardous waste generation in the reporting year, compared with your baseline?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstredimpnhsource` **Yes**, answering **No** results in 0 points.

`wstredimpnhsourcecompare` — Q24.4

Has your facility reduced waste generation for this stream compared with its baseline?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1 **and** have indicated that they have reduced non-hazardous waste generation in the reporting year, compared with their baseline by answering `wstredimpnhsource` **Yes**.

Scoring: Full points are assigned when every row of the table columns `wstbaselinenhsource` and `wstredimpnhsourcecompare` are answered **Yes**, otherwise 0 points are assigned.

`wstredimphprodsource` — Q25

Has your facility reduced hazardous waste generation in the reporting year, compared with your baseline?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstredimphprodsource` **Yes**, answering **No** results in 0 points.

`wstredimpdisp` — Q26

Has your facility improved waste disposal methods for overall waste in the reporting year, compared with the baseline?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstredimpdisp` **Yes**, answering **No** results in 0 points.

`wsthazdispvalidate` — Q27

Does your facility validate the final disposal and treatment of all hazardous wastes?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wsthazdispvalidate` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

Level 3 — 25 points

`wstlevelthree`

Applies when: This score is only applicable if the user has not achieved Waste Level 1 which requires scoring more than 0 points on every applicable Waste Level 1 question.

Scoring: If applicable, this score is always 0. It represents the Waste Level Three score when the user does not achieve Waste Level One.

`wstvalidate1` — Q28

Does your facility validate the final disposal and treatment of all non-hazardous wastes?

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1.

Scoring: Users receive full points for this score when they answer `wstvalidate1` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`wstdispzerowastepercent` — Q29.1

Enter the total percentage of waste being disposed through Preferred disposal method

Applies when: This score is applicable to FEM users who have achieved Waste Level 1 by scoring more than 0 on all applicable scored questions in Waste Level 1 **and** indicate the facility has disposed of waste through preferred disposal methods by answering `wstdispzerowaste` **Yes.**

Scoring: Users receive full points for this score when they answer `wstdispzerowastepercent` with a value greater than or equal to **90**, answering with a value greater than or equal to **25** results in a partial score of 0.5, and answering with a value less than **25** results in 0 points.

Chemicals

62 scores: 40 in Level 1, 12 in Level 2, 10 in Level 3.

Level 1 — 25 points

`chemcmspolicy` — Q1

Questions: `chemcmspolicyprod` (Q1), `chemcmspolicynonprod` (Q1)

Applies when: This score is applicable to users who use chemicals in production, operations, maintenance, or as spot cleaner.

Scoring: Users receive full points for this score when they answer `chemcmspolicyprod` or `chemcmspolicynonprod` **Yes**, answering `chemcmspolicyprod` **Partial Yes** results in a partial score of 0.5, and answering `chemcmspolicyprod` or `chemcmspolicynonprod` **No** results in 0 points. Users will not see `chemcmspolicyprod` and `chemcmspolicynonprod` at the same time.

`chemcmstraining` — Q2

Have you assigned the responsibility of implementing and maintaining the Chemical Management System (CMS) to a team/staff member?

Applies when: This score is applicable to all FEM users.

Scoring: Users receive full points for this score when they answer `chemcmstraining` **Yes**, answering **No** results in 0 points.

`chemcmstrainingability`

Questions: `chemcmstrainingability` (Q2.1.1), `chemcmstrainingrsl` (Q2.1.2), `chemcmstrainingmrsl` (Q2.1.3), `chemcmstrainingghs` (Q2.1.4)

Applies when:

This score is applicable to FEM users who answer **Yes** to `chemcmstraining`. In addition, the question `chemcmstrainingmrsl` part of this score is shown to users who meet the following criteria:

They are a facility that must answer MRSL questions, according to calculation `mustAnswerMRSL` (please see calculation guidance for more information), **or** they have indicated that they have implemented an MRSL by answering **Yes** to `chemimplementmrsl`.

Scoring: User receives full points for this score when they answer **Yes** to `chemcmstrainingability`, `chemcmstrainingrsl`, `chemcmstrainingghs`, and possibly `chemcmstrainingmrsl` (users will see this question if they are facility that must answer MRSL questions, according to calculation `mustAnswerMRSL` please see guidance for more information, or they have indicated that they have implemented an MRSL by answering **Yes** to `chemimplementmrsl`), answering at least one **Yes** but not all results in 0.5, and answering all **No** results in 0 points.

`chempurchasingpolicy` — Q3

Does your facility have a chemical purchasing policy?

Applies when: This score is applicable to all FEM users except users who are designated as minimal chemical use only.

Scoring: Users receive full points for this score when they answer `chempurchasingpolicy` **Yes**, answering **No** results in 0 points.

`chemtrack` — Q4

Does your facility keep a Chemical Inventory List (CIL) and the suppliers of each chemical product?

Applies when: This score is applicable to all FEM users except users who are designated as minimal chemical use only.

Scoring: Users receive full points for this score when they answer `chemtrack` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chemtrackdata`

Questions: `chemtrackdata1` (Q5.1), `chemtrackdata2` (Q5.2), `chemtrackdata3` (Q5.3), `chemtrackdata4` (Q5.4), `chemtrackdata5` (Q5.5), `chemtrackdata6` (Q5.6), `chemtrackdata7` (Q5.7), `chemtrackdata8` (Q5.8), `chemtrackdata9` (Q5.9), `chemtrackdata10` (Q5.10), `chemtrackdata12` (Q5.12), `chemtrackdata13` (Q5.13)

Applies when:

This score is applicable to users who answer `chemtrack` as **Yes** or **Partial Yes** and is shown to users who meet the following criteria:

They are a facility that must answer MRSL questions, according to calculation `mustAnswerMRSL`(see calculation guidance for more information), **or** they have indicated that they have implemented an MRSL by answering **Yes** to `chemimplementmrsl`.

Scoring: Users receive full points for this score when they answer `chemtrackdata1`, `chemtrackdata2`, `chemtrackdata3`, `chemtrackdata4`, `chemtrackdata5`, `chemtrackdata6`, `chemtrackdata7`, `chemtrackdata8`, `chemtrackdata9`, `chemtrackdata10`, `chemtrackdata12`, `chemtrackdata13` **Yes**, answering more than 6 questions as **Yes** but not all results in a partial score of 0.5, and answering **No** results in 0 points.

`chemsds` — Q6

Does your facility make Safety Data Sheets (SDS) available to employees for all chemicals used?

Applies when: This score is applicable to all FEM users except users who are designated as minimal chemical use only.

Scoring: Users receive full points for this score when they answer `chemsds` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chemtraining` — Q7

Does your facility train all employees who handle chemicals on chemical hazards, risk, proper handling, and what to do in case of emergency or spill?

Applies when: This score is applicable to all FEM users except users who are designated as minimal chemical use only.

Scoring: Users receive full points for this score when they answer `chemtraining` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chememergplan` — Q8

Does your facility have a chemical spill and emergency response plan that is practiced periodically?

Applies when: This score is applicable to FEM users who use chemicals in Production, Operations, or Maintenance/Tooling/Equipment.

Scoring: Users receive full points for this score when they answer `chememergplan` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chemsafetyequip` — Q9

Does your facility have appropriate and operable protective and safety equipment, as recommended by the Global Harmonization System compliant (or equivalent) Safety Data Sheet, in all areas where chemicals are stored and used?

Applies when: This score is applicable to all FEM users except users who are designated as minimal chemical use only.

Scoring: Users receive full points for this score when they answer `chemsafetyequip` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chemhazardsign` — Q10

Does your facility have chemical hazard signage and safe handling equipment in the areas of the facility where chemicals are used?

Applies when: This score is applicable to all FEM users except users who are designated as minimal chemical use only.

Scoring: Users receive full points for this score when they answer `chemhazardsign` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chempurchasereqmrsl` — Q11

Does your facility select and purchase chemicals based on their hazards and MRSL requirements?

Applies when:

This score is applicable to FEM users who are not designated as minimal chemical use only **and**:

1. Must answer MRSL questions, according to calculation `mustAnswerMRSL` (see calculation guidance for more information) *or*;
2. Have indicated that they have implemented an MRSL by answering **Yes** to `chemimplementmrsl`.

Scoring: Users receive full points for this score when they answer `chempurchasereqmrsl` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chempurchasereqrsl` — Q12

Does your facility select and purchase chemicals based on their hazards and RSL requirements?

Applies when: This score is applicable to users who use chemicals in Production or as a Spot Cleaner.

Scoring: Users receive full points for this score when they answer `chempurchasereqrsl` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chemhealthprogram` — Q13

Does your facility have an environmental and occupational health and safety program specific to chemicals management?

Applies when: This score is applicable to users who use chemicals in Production, Operations, or Maintenance/Tooling/Equipment.

Scoring: Users receive full points for this score when they answer `chemhealthprogram` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chemstorage` — Q14

Does your facility have well-marked, designated chemical storage areas?

Applies when: This score is applicable to users who use chemicals in Production, Operations, or Maintenance/Tooling/Equipment.

Scoring: Users receive full points for this score when they answer `chemstorage` **Yes**, answering **No** results in 0 points.

`chemstorageventilated` — Q14.1

The chemical storage area is ventilated, dry and protected from the weather, and fire risk.

Applies when: This score is applicable to all users who answer **Yes** to `chemstorage`

Scoring: Users receive full points for this score when they answer `chemstorageventilated` **Yes**, answering **No** results in 0 points.

`chemstorageprotected` — Q14.2
The storage area is protected from unauthorized employees (i.e. locked).

Applies when: This score is applicable to all users who answer **Yes** to `chemstorage`

Scoring: Users receive full points for this score when they answer `chemstorageprotected` **Yes**, answering **No** results in 0 points.

`chemstoragemarked` — Q14.3
The chemical storage area is clearly marked.

Applies when: This score is applicable to all users who answer **Yes** to `chemstorage`

Scoring: Users receive full points for this score when they answer `chemstoragemarked` **Yes**, answering **No** results in 0 points.

`chemstorageexit` — Q14.4
The chemical storage area has easy entry and exit in case of any emergencies.

Applies when: This score is applicable to all users who answer **Yes** to `chemstorage`

Scoring: Users receive full points for this score when they answer `chemstorageexit` **Yes**, answering **No** results in 0 points.

`chemstoragecontainers` — Q14.5
Storage containers are in good condition, appropriate for their contents, closed and clearly labeled with their contents.

Applies when: This score is applicable to all users who answer **Yes** to `chemstorage`

Scoring: Users receive full points for this score when they answer `chemstoragecontainers` **Yes**, answering **No** results in 0 points.

`chemstoragefloors` — Q14.6
Floor in storage area is solid and non-porous, there are no water drains that the liquid could spill into, and there is no evidence of spilled liquid.

Applies when: This score is applicable to all users who answer **Yes** to `chemstorage`

Scoring: Users receive full points for this score when they answer `chemstoragefloors` **Yes**, answering **No** results in 0 points.

`chemstoragesecondarycont` — Q14.7
Secondary containment is available for liquid chemicals in tanks, drums, and temporary containers (where applicable) to ensure no unintended releases occur.

Applies when: This score is applicable to all users who answer **Yes** to `chemstorage`

Scoring: Users receive full points for this score when they answer `chemstoragesecondarycont` **Yes**, answering **No** results in 0 points.

`chemstorageincompsubs` — Q14.8
Incompatible substances (such as strong acids and strong bases) are stored separately.

Applies when: This score is applicable to all users who answer **Yes** to `chemstorage`

Scoring: Users receive full points for this score when they answer `chemstorageincompsubs` **Yes**, answering **No** results in 0 points.

`chemstorageflammablesubs` — Q14.9
Flammable substances are kept away from sources of heat or ignition, including the use of grounding and explosion-proof lighting.

Applies when: This score is applicable to all users who answer **Yes** to `chemstorage`

Scoring: Users receive full points for this score when they answer `chemstorageflammablesubs` **Yes**, answering **No** results in 0 points.

`chemstoragetempcont` — Q14.10
Temporary storage containers are closed and labelled with contents, hazard class, and lot number (if applicable).

Applies when: This score is applicable to all users who answer **Yes** to `chemstorage`.

Scoring: Users receive full points for this score when they answer `chemstoragetempcont` **Yes**, answering **No** results in 0 points.

`chemstoragefefo` — Q14.11
First Expiry, First Out (FEFO)

Applies when: This score is applicable to all users who answer **Yes** to `chemstorage`.

Scoring: Users receive full points for this score when they answer `chemstoragefefo` **Yes**, answering **No** results in 0 points.

`chemstoragesafety` — Q14.12
Health and safety measures are in place (such as PPE, etc.).

Applies when: This score is applicable to all users who answer **Yes** to `chemstorage`.

Scoring: Users receive full points for this score when they answer `chemstoragesafety` **Yes**, answering **No** results in 0 points.

`chemsubstorage` — Q15
Does your facility have well-marked sub-storage areas?

Applies when: This score is applicable to FEM users who use chemicals in Production, Operations, or Maintenance/Tooling/Equipment *and* don't answer **Not Applicable** to `chemsubstorage`.

Scoring: Users receive full points for this score when they answer `chemsubstorage` **Yes**, answering **No** results in 0 points. The answer **Not Applicable** results in the score being ignored.

`chemsubstorage1` — Q15.1
The chemical storage area is ventilated, dry and protected from the weather.

Applies when: This score is applicable to FEM users who use chemicals in Production, Operations, or Maintenance/Tooling/Equipment **and** answer **Yes** to `chemsubstorage`.

Scoring: Users receive full points for this score when they answer `chemsubstorage1` **Yes**, answering **No** results in 0 points.

`chemsubstorage2` — Q15.2
Temporary storage containers are closed and labeled with contents, lot, and hazard class.

Applies when: This score is applicable to FEM users who use chemicals in Production, Operations, or Maintenance/Tooling/Equipment **and** answer **Yes** to `chemsubstorage`.

Scoring: Users receive full points for this score when they answer `chemsubstorage2` **Yes**, answering **No** results in 0 points.

`chemsubstorage3` — Q15.3
The chemical storage area is clearly marked.

Applies when: This score is applicable to FEM users who use chemicals in Production, Operations, or Maintenance/Tooling/Equipment **and** answer **Yes** to `chemsubstorage`.

Scoring: Users receive full points for this score when they answer `chemsubstorage3` **Yes**, answering **No** results in 0 points.

`chemsubstorage4` — Q15.4
Floor in the storage area is solid and non-porous, there are no water drains that the liquid could spill into, and there is no evidence of spilled liquid.

Applies when: This score is applicable to FEM users who use chemicals in Production, Operations, or Maintenance/Tooling/Equipment **and** answer **Yes** to `chemsubstorage`.

Scoring: Users receive full points for this score when they answer `chemsubstorage4` **Yes**, answering **No** results in 0 points.

`chemsubstorage5` — Q15.5
Secondary containment is available for liquid chemicals in tanks, drums, and temporary containers (where applicable) to ensure no unintended releases occur.

Applies when: This score is applicable to FEM users who use chemicals in Production, Operations, or Maintenance/Tooling/Equipment **and** answer **Yes** to `chemsubstorage`.

Scoring: Users receive full points for this score when they answer `chemsubstorage5` **Yes**, answering **No** results in 0 points.

`chemsubstorage6` — Q15.6
Incompatible substances (such as strong acids and strong bases) are stored separately.

Applies when: This score is applicable to FEM users who use chemicals in Production, Operations, or Maintenance/Tooling/Equipment **and** answer **Yes** to `chemsubstorage`.

Scoring: Users receive full points for this score when they answer `chemsubstorage6` **Yes**, answering **No** results in 0 points.

`chemsubstorage7` — Q15.7
Flammable substances are kept away from sources of heat or ignition, including the use of grounding and explosion-proof lighting.

Applies when: This score is applicable to FEM users who use chemicals in Production, Operations, or Maintenance/Tooling/Equipment **and** answer **Yes** to `chemsubstorage`.

Scoring: Users receive full points for this score when they answer `chemsubstorage7` **Yes**, answering **No** results in 0 points.

`chemsubstorage8` — Q15.8
First Expiry, First Out (FEFO)

Applies when: This score is applicable to FEM users who use chemicals in Production, Operations, or Maintenance/Tooling/Equipment **and** answer **Yes** to `chemsubstorage`.

Scoring: Users receive full points for this score when they answer `chemsubstorage8` **Yes**, answering **No** results in 0 points.

`chemsubstorage9` — Q15.9
Health and safety measures are in place (such as PPE, etc.).

Applies when: This score is applicable to FEM users who use chemicals in Production, Operations, or Maintenance/Tooling/Equipment **and** answer **Yes** to `chemsubstorage`.

Scoring: Users receive full points for this score when they answer `chemsubstorage9` **Yes**, answering **No** results in 0 points.

`chemtrainingr` — Q16
Does your facility train employees responsible for the chemical management system on Restricted Substance Lists (RSLs)?

Applies when: This score is applicable to FEM users who use chemicals in Production, as Spot Cleaners, or have Minimal Chemical Use.

Scoring: Users receive full points for this score when they answer `chemtrainingr` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chemtrainingm` — Q17
Does your facility train employees responsible for the chemical management system on Manufacturing Restricted Substance Lists (MRSLs)?

Applies when:

This score is applicable to all FEM who use chemicals in Production, Operations, Maintenance/ Tooling/Equipment, or as Spot Cleaner and who meet the following criteria:

They are a facility that must answer MRSL questions, according to calculation `mustAnswerMRSL` (please see calculation guidance for more information), **or** they have indicated that they have implemented an MRSL by answering **Yes** to `chemimplementmrsl`.

Scoring: Users receive full points for this score when they answer `chemtrainingm` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chemfailresolution` — Q18

Does your facility have an established process to investigate and resolve a potential RSL failure?

Applies when: This score is applicable users who use chemicals in Production or have Minimal Chemical Use.

Scoring: Users receive full points for this score when they answer `chemfailresolution` **Yes**, answering **No** results in 0 points.

Level 2 — 50 points

`chemleveltwo`

Applies when: This score is only applicable if the user has not achieved Chemistry Level 1 which requires scoring more than 0 points on every applicable Chemistry Level 1 question.

Scoring: If applicable, this score is always 0. It represents the Chemistry Level Two score when the user does not achieve Chemistry Level One.

`chememgagecontractors` — Q19

Does your facility engage contractor(s) or subcontractor(s) on MRSL / RSL?

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 and they don't answer `chememgagecontractors` **Not Applicable**.

Scoring: Users receive full points for this score when they answer `chememgagecontractors` **Yes**, answering **No** results in 0 points.

`chemengagesuppliers` — Q20

Does your facility engage upstream supplier(s) on MRSL / RSL?

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1.

Scoring: Users receive full points for this score when they answer `chemengagesuppliers` **Yes**, answering **No** results in 0 points.

`chemcmsteam`

Questions: `chemcmsteamknow` (Q21.1), `chemcmsteamdrive` (Q21.2), `chemcmsteamtest` (Q21.3)

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** they use chemicals in Production.

Scoring: Users receive full points for this score when they answer `chemcmsteamknow`, `chemcmsteamdrive`, and `chemcmsteamtest` all **Yes**, answering more than one **Yes** but not all results in a partial score of 0.5, and answering all **No** results in 0 points.

`chemimproveplan` — Q22

Does your facility have an implementation plan to improve your chemical management system?

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1.

Scoring: Users receive full points for this score when they answer `chemimproveplan` **Yes**, answering **No** results in 0 points.

`chemtracelotnumber` — Q23

Does your facility have a traceability procedure in place which can track chemicals and raw materials used back from the product to the inventory?

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** they use chemicals in Production.

Scoring: Users receive full points for this score when they answer `chemtracelotnumber` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chemtracelotnumber2` — Q23.1.1

A clear overview of the source of your raw materials and chemical products and their suppliers

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** they use chemicals in Production **and** they answer **Yes** to `chemtracelotnumber`.

Scoring: Users receive full points for this score when they answer `chemtracelotnumber2` **Yes**, answering **No** results in 0 points.

`chemtracelotnumber3` — Q23.1.2

Record lot/batch number on the purchase order of every chemical

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** they use chemicals in Production **and** they answer **Yes** to `chemtracelotnumber`.

Scoring: Users receive full points for this score when they answer `chemtracelotnumber3` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chemtracelotnumber4` — Q23.1.3

Record the lot/batch number of these chemicals on each color/product batch

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** they use chemicals in Production **and** they answer **Yes** to `chemtracelotnumber`.

Scoring: Users receive full points for this score when they answer `chemtracelotnumber4` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chemtracelotnumber5` — Q23.1.4

Record the lot/batch number of these chemicals on each article type/order

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** they use chemicals in Production **and** they answer **Yes** to `chemtracelotnumber`.

Scoring: Users receive full points for this score when they answer `chemtracelotnumber5` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chemtracelotnumber6` — Q23.2

Do you record the lot/batch number of your raw materials (fabric, yarn, garment etc.) on each article type/order?

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** they use chemicals in Production **and** they answer **Yes** to `chemtracelotnumber`.

Scoring: Users receive full points for this score when they answer `chemtracelotnumber6` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** results in 0 points.

`chemsourcelist` — Q24
Does your facility source already approved or preferred chemicals from a positive list?

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** they use chemicals in Production.

Scoring: Users receive full points for this score when they answer `chemsourcelist` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** or **Unknown** results in 0 points.

Level 3 — 25 points

`chemlevelthree`
Applies when: This score is only applicable if the user has not achieved Chemistry Level 1 which requires scoring more than 0 points on every applicable Chemistry Level 1 question.

Scoring: If applicable, this score is always 0. It represents the Chemistry Level Three score when the user does not achieve Chemistry Level One.

`chemzdhcroadtozero`
Questions: `chemzdhcroadtozero` (Q25), `chemzdhcroadtozero1` (Q25.1), `chemzdhcroadtozero2` (Q25.2), `chemzdhcroadtozero3` (Q25.3), `chemzdhcroadtozero4` (Q25.4), `chemzdhcroadtozero5` (Q25.5), `chemzdhcroadtozero7` (Q25.7)

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** use chemicals in production or operations. The program questions `chemzdhcroadtozero1`, `chemzdhcroadtozero2`, `chemzdhcroadtozero3`, `chemzdhcroadtozero4`, `chemzdhcroadtozero5` and `chemzdhcroadtozero7` are shown only after answering **Yes** to `chemzdhcroadtozero`.

Scoring: Users receive full points for this score when they answer **Yes** to `chemzdhcroadtozero` and **Yes** to at least one of `chemzdhcroadtozero1`, `chemzdhcroadtozero2`, `chemzdhcroadtozero3`, `chemzdhcroadtozero4`, `chemzdhcroadtozero5` and `chemzdhcroadtozero7`. Answering **No** to `chemzdhcroadtozero`, or **No** to every program question, results in 0 points.

`chemtransparency` — Q26
Do you have a transparency policy or procedure in which you share information regarding chemical products, chemical waste, and wastewater with stakeholders (For example: with ZDHC, chemical formulators, brands/retailers, authorities, NGOs)?

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** they use chemicals in Production.

Scoring: Users receive full points for this score when they answer `chemtransparency` **Yes**, answering **No** results in 0 points.

`chemcollabalternatives` — Q27
Does your facility collaborate with brands and/or chemical suppliers to select chemicals for alternative assessment?

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** they use chemicals in Production.

Scoring: Users receive full points for this score when they answer `chemcollabalternatives` **Yes**, answering **No** or **Unknown** results in 0 points.

`chemanalysishumanenv` — Q28
Does your facility contribute to a chemical analysis against human and environmental hazard criteria (e.g. persistent, bioaccumulative, and toxic) for selecting alternative processes?

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** use chemicals in production.

Scoring: Users receive full points for this score when they answer `chemanalysishumanenv` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** or **Unknown** results in 0 points.

`chemanalysislifecycle` — Q29

Does your facility contribute to an analysis of lifecycle impacts for selecting alternative processes?

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** use chemicals in production.

Scoring: Users receive full points for this score when they answer `chemanalysislifecycle` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** or **Unknown** results in 0 points.

`chemcontractorsr` — Q30

Does your contractor(s)/subcontractor(s)/upstream supplier(s) source already approved or preferred chemicals from a positive list to replace chemicals not already included in RSL?

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1.

Scoring: Users receive full points for this score when they answer `chemcontractorsr` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** or **Unknown** results in 0 points.

`chemconreducesr` — Q30.1

Does your facility have an implementation plan to reduce the use of hazardous chemicals beyond chemicals specified by regulations and/or Restricted Substance Lists with your contractor(s)/subcontractor(s)/upstream supplier(s)?

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** they answer **Yes** or **Partial Yes** to `chemcontractorsr`.

Scoring: Users receive full points for this score when they answer `chemconreducesr` **Yes**, all other answers results in 0 points.

`chemcontractorsm` — Q31

Does your contractor(s)/subcontractor(s)/upstream supplier(s) source already approved or preferred chemicals from a positive list to replace chemicals not already included in MRSL?

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1.

Scoring: Users receive full points for this score when they answer `chemcontractorsm` **Yes**, answering **Partial Yes** results in a partial score of 0.5, and answering **No** or **Unknown** results in 0 points.

`chemconreducesm` — Q31.1

Does your facility have an implementation plan to reduce the use of hazardous chemicals beyond chemicals specified by regulations and/or Manufacturing Restricted Substance Lists with your contractor(s)/subcontractor(s)/upstream supplier(s)?

Applies when: This score is applicable to users who have achieved Chemicals Level 1 by scoring more than 0 on all applicable scored questions in Chemicals Level 1 **and** they answer **Yes** to `chemcontractorsm`.

Scoring: Users receive full points for this score when they answer `chemconreducesm` **Yes**, all other answers results in 0 points.