

Credit 2.3 Health Impacts Declaration

Guidance on using this template

This template is mandatory for Applicants targeting Credit 2.3 Health Impacts Declaration in the SSA Certification Program. Applicants are to complete this template for the downstream life cycle stages (transport, installation, use and maintenance, and end of life) of the product. The intent of the declaration is to ensure the safety of all downstream handlers and users of the final product once it is manufactured. This template does not address the manufacturing (fabrication, roll forming, processing etc) stage of the product.

Applicants are to identify and address all existing and potential biological, chemical and physical hazards for each downstream lifecycle phase. Applicants should provide supporting documentation (e.g Safety Data Sheet (SDS), risk assessments, hazardous chemicals register) to justify the information included in this template. All hazards and mitigating actions should be clearly explained within the text boxes in this template. Please note that known hazards of the product must be addressed, even if these have not been included in an SDS (if available).

Glossary of terms

Biological Hazards

Any biological substance that poses a threat to the health of people, animals, or the environment. These hazards can include bacteria, viruses, biological toxins, fungi, or bio-active substances etc.

Chemical Hazards

Any chemical substance or mixture that can pose a threat to human health, safety or the environment. Chemical hazards can be solid, liquid, or gas, and can cause harm to anyone directly exposed, usually through inhalation, ingestion, or direct contact to the skin.

Health Hazards

A health hazard is a biological, chemical, or physical factor that can have either short or long-term negative impacts on human health. This includes contaminated drinking water, exposure to toxic or carcinogenic substances, to dust or mould, to viruses or contagious diseases etc.

Physical Hazards

A hazard that can cause physical harm with contact. This could include working in conditions that are too hot or too cold, vibration and noise hazards, working with explosive or flammable materials, manual handling, sharp objects, trip hazards etc.

Safety Data Sheet (SDS)

A safety data sheet contains comprehensive information about the properties of hazardous substances, the potential risks to health and safety, and how to manage these risks.

General Information

Company and Site Name: Italsteel

Targeting Level 2B ☒ **Targeting Level 3** ☐

Product Name: Fabricated Structural Steel

Description of product:

Italsteel supplies and installs fabricated steel for local and community projects, retail and commercial, government and mining sectors. Products include columns, beams, rafters, frames, braces, cast-in plates, and stairs.

Italsteel fabricates the steel supplied and is involved in the transportation and installation processes. The fabricated steel is sent to 3rd party contractors for painting.

Submission Requirements

Safety Data Sheet

Is a Safety Data Sheet (SDS) available for the **finished product**?

- ☐ Yes – If an SDS is available for the **finished product**, Applicants are to attach this with their submission for this credit, ensuring all hazards, risks and controls have been clearly identified in the SDS. A summary of the SDS information is to be included in this template submission.
- ☒ No – If an SDS cannot be provided for the **finished product**, Applicants must clearly identify all existing and potential hazards associated with each downstream life cycle stage for the product. The method of identification of the hazard and the safeguards to mitigate the identified hazards are also to be provided.

Lifecycle phases to be assessed

Identify and assess the physical and chemical hazards of the product in each of the following lifecycle phases in the Physical Hazards and Chemical Hazards tables below:

- Transport
- Installation
- Use and maintenance
- End of life

Clearly described all hazards and risks in the box below

The structural steel may be oversized and be difficult to transport without machinery, all safety guidelines on machine operating should be followed.

Sharp edges may be present so ensure to always wear correct PPE and handle with care.

The structural steel may be heavy and invite muscle injury and/or strain, so ensure to follow occupational health and safety lifting procedures.

During transport, it is vital to ensure the fabricated steel is safely and securely placed and strapped, while ensuring all relevant regulations, procedures and policies are followed.

Dust and fumes may generate during cutting, grinding, or welding of the product, so PPE and caution is advised. All welders shall wear welding mask (Powered Air Purifying Respiratory).

Workers to wear proper ear plugs/muff to protect their hearing from noise generated from steel grinding.

Any welding, cutting or grinding completed must be done to the correct regulations and standards to Occupational Health and Safety guidelines.

Regular maintenance of machinery and tools must be conducted to ensure safe and proper use.

All employees in the workshop should have appropriate training, supervision and instructions.

Health Impact - Physical Hazards

List the identified physical hazards for the relevant lifecycle phases, an example is provided below:

Health Impact Identified	Method of Identification	Safeguards	Transport	Installation	Use and Maintenance	End of life
Sharp edges	Safety Risk Assessment	All staff and trained and wearing PPE	✓	✓	✓	✓
Dropped steel	Safety Risk Assessment	All staff and trained and wearing PPE	✓	✓	✓	✓
Sparks from grinding steel	Safety Risk Assessment	All staff and trained and wearing PPE		✓	✓	

Additional information:

Loading & Unloading steel – Safety Risk Assessment - All staff and trained and wearing PPE – Transport / Installation / End of Life

Supporting documentation

List documentation to support the above statements and upload the evidence in Credit 2.3.

Supporting Documentation <i>Name of document and location in submission</i>	Reference <i>Page no. or section of supporting document</i>	Description of Evidence
Example: <i>Onsite Risk Assessment Appendix B.</i>	<i>Pages xx - xx</i>	<i>External Onsite Risk Assessment undertaken for Applicant by [NAME] showing all identified health risks.</i>
Safety Risk Assessment Nov 2024	Page 1 – Risk Register	Assessment of risks identified at Italsteel

Health Impact - Chemical Hazards

List the identified chemical hazards for the relevant lifecycle phases:

Health Impact Identified	Method Of Identification	Safeguards	Transport	Installation	Use and Maintenance	End of life
Example: Respiratory hazard from coating	SDS	Adequate ventilation and appropriate PPE (masks) are required for anyone handling the product		✓	✓	
Cutting Fluid	SDS	All staff are trained and wearing PPE		✓		
Hydraulic Fluid	SDS	All staff are trained and wearing PPE		✓		

Additional information:

Provide any additional information on the chemical hazards identified above that were not captured in the table. Ensure all relevant safeguards are clearly detailed.

Supporting documentation

List documentation to support the above statements and upload the evidence in Credit 2.3.

Supporting Documentation Name of document and location in submission.	Reference Page no. or section of supporting document.	Description of Evidence
Example: Safety Data Sheet Appendix A.	Pages xx - xx	Safety Data Sheet for Product A.
MSDS Register	Page 1	MSDS Register
SDS	Page 1	Mobil Nuto H46 (ISO VG 46) SDS Fuchs Ecocool 9022 SDS Fuchs Renolin CLP150 Mobil Grease XHP 222

Version control

Version	Document Name	Date	Changes	Author	Reviewer
1	Health Impacts Declaration	13/12/22	For use	KJ	JB
1.1	Health Impacts Declaration	17/11/23	Allowed permissions to edit all relevant areas	JB	nil
1.2	Health Impacts Declaration	22/11/23	Resized text boxes to fit text	JB	nil
1.3	SSA Credit 2.3 - Health Impacts Declaration	01/08/24	Changed document name. Revised permissions to edit relevant areas & formatting amendments	MC	nil
1.4	SSA Credit 2.3 - Health Impacts Declaration	01/01/2025	Revised format on page 1 to improve user experience	MC	nil



SSA Credit 2.3 - Health Impacts Declaration v1.4