

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: BridgeFAB Pty Ltd

Targeting Level 2B **Targeting Level 3**

Product Name: Structural Steel

Description of product:

BridgeFAB fabricates, welds and installs Structural Steel packages

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

Transport: Crush injuries or muscular strain can occur from unsafe loading/unloading of trucks

Installation Hazards:

Physical hazards: The major physical hazard arising from transport and installation is physical injury from falling steel or manually lifting objects. Along with injury from sharp edges.

Chemical Hazards: Chemical hazards arise from cleaning, painting, touch ups of the final product on site.

Use and Maintenance Hazards: N/A. Due to the nature of the projects undertaken, most steel work is concealed once installed.

End of Life: Hazards from the removal of products would include crush injuries or cuts from sharp edges

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
Manual Handling Injury – muscular strain	Risk Assessment	All staff members are provided with training on manual handling (at induction and yearly refreshers), site personnel require specific qualifications for installation.	✓	✓		
Body crush/injury from steel falling/rolling off trucks	Site Safe Work Method Statement, Safe Work procedures	Exclusion zones in place when unloading/loading, safe loading systems to be used at all times, training	✓	✓		
Light & Burns (welding) – eye, body injury	Risk Assessment, Site Safe Work Method Statement	PPE, Training		✓		
Slips Trips Fall	Site Safe Work Method Statement	Report site safety issues with site manager before starting work, ensure working areas are clear from hazards		✓		
Sharp edges – Injury	Risk Assessment, Safe Work Procedures	PPE, Training	✓	✓		✓
Machinery Operation – Injury	Risk Assessment, Safe Work Procedures	Training, Licences, Maintenance of machinery		✓		

Additional information:

BridgeFAB's Quality Management System documents all procedures and policies including hazard and risk assessments, Safe work procedures, site safety requirements, PPE usage, and training requirements (induction, refresher, periodic training))

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
Risk/Hazard Analysis	Document number 3.4.1	Internal risk assessment document
Site Risk Analysis	Document number 3.4.3	Site Risk Analysis
Safe Work Procedures register of procedures	Document number 3.1	Safe Work Procedures
Site Safety Manual register of procedures	Document number 2.6	Site Safety Manual
Staff onboarding	Document number 1.4.1	Induction training document
Staff refresher	Document number 2.1.5.1	Refresher training document

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
Inhalation of toxic fumes	SDS	Adequate ventilation, PPE, Training		✓		
Inhalation of concrete dust or silica	Site Safe Work Method Statement, COP (Silica Dust)	PPE, Mask Fit Testing, SWPs, Training		✓		
Skin irritation	SDS	PPE, Training		✓		
Eye Irritation	SDS	PPE		✓		
Ingestion of toxic substances	SDS	PPE		✓		

Additional information:

Chemical Hazards are more relevant to the installation phase. Drilling through concrete may be required on site and other processes occur as part of installation.

Site staff use touch up paint, chemicals, welding gas and cleaners. All site staff are fit tested for a P2 respirator annually.

BridgeFAB's Chemical Register can be accessed by all staff via the staff app at any location.

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
Chemical Register	Document number 3.3	Chemical Register
MSDS	36B, 36A	Chem-Set SDS
SDS	Silver Zinc Aerosol PDF	Liquid Zinc SDS
SDS	Document: DLXGHSEN001580 – Luxaprime ZP	Dulux Luxaprime SDS
SDS	Document: 4655 – Hand Cleaner	Hand Cleaner SDS
SDS	Document: SDS_Acetylene_Ind_E	Gas SDS

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