

Credit 2.3 Health Impacts Declaration

Glossary of terms

Biological Hazards

Any organic substance that presents a threat to the health of people or other living organisms. Biological hazards can include viruses, biological toxins, fungi, or bio-active substances etc.

Chemical Hazards

Any non-biological substance that can cause harm to life or health. 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 could include contaminated drinking water, exposure to toxic or carcinogenic toxins, exposure to dust or mould, exposure 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.

Guidance on using this template

This template has been developed for use by Applicants targeting Credit 2.3 Health Impacts Declaration from the SSA Certification Program. Use of the template is mandatory. If existing documentation is already in place in an organisation (for example a hazardous chemicals register), Applicants are encouraged to use this in the submission as well.

When filling out the template Applicants should ensure that all existing and potential chemical and physical health impacts have been identified and addressed. The intent of the declaration is to ensure the safety of all downstream users once the product is ready for use. Applicants are not required to address the fabrication of the product in this credit.

Supporting information should be provided justifying all claims made in the submission. Applicants should avoid using jargon, and all hazards and mitigating actions should be clearly explained in everyday language. Text boxes have been provided to allow for clear and detailed explanations to be provided for all required safeguards. Please note that known hazards must be addressed, even if these have not been included in the SDS (if available).

General Information

Applicant Name: Bestbar Pty Ltd

Targeting Level 2B **Targeting Level 3**

Product Name: Reinforcement Bar

Description of product:

Reinforcement bars(rebar) are steel bars specifically manufactured for the construction industry for concrete support. The surface of reinforcement bar is often deformed to increase bonding with concrete. At Best Bar we process rebars (cut, bend, straighten) as per customer requirements in accordance with building plans. The product confirms to the requirements of AS/NZS: 4671:2019 and processed in accordance to AS3600:2018 Concrete Structures, AS 5100.5:2017 Bridge Design.

Submission Requirements

Lifecycle phases to be assessed

Please assess and identify physical and chemical hazards of your product in each of the following lifecycle phases in the Physical Health Impacts and Chemical Health Impacts tables below:

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

Safety Data Sheet

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

- Yes – a copy has been attached to the submission and all hazards and risks have been clearly explained
- No – If an SDS cannot be provided Applicants must clearly describe any identified hazards and how these have been addressed.

Ensure all hazards and risks have been clearly described

All hazards and risks (as identified in the SDS) are to be clearly explained in every day language. All hazard statements and mitigation measures must be included here and/or in the sections below.

Physical Health Impacts

Disclose all identified physical health impacts for the relevant lifecycle phases, an example is provided below:

Health Impact Identified	Method of Identification	Relevant Safeguards	Transport	Installation	Use and Maintenance	End of life
Personal Injury – fall from height.	Risk assessment – risk identification by clients and internal risk assessment.	All delivery vehicle fitted with engineered approved fall protection device. Delivery drivers inducted on working at height associated risk. Delivery of reinforcement bar/mesh Safe Work Method Statement developed and acknowledge by stakeholders. Laden flat rack dropped off at customer sites – WA. Load platforms and/or loading at ground level take place at Best Bar sites.	X			
Personal Injury- laceration and cuts from bar sharp edges	Risk assessment, SRIA safety alert and industry communication.	Maintenance inspection of all machines. Time interval of change/rotation of shear/cutting blades. Routine QA inspection of finished products before dispatch.			X	
Personal injury – musculoskeletal, crush.	Risk assessment	Bundled products are clearly identified with dimensions and weight. Pre slung to reduce/eliminate repetitive take injury. Crane bins used for delivery of smaller fitments. Mechanical lifting aid	X		X	

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Additional information:

Please provide any additional information on the physical health impacts identified above that were not captured in the table. Please ensure all relevant safeguards are clearly detailed

Supporting documentation

Please list documentation to support the above statements and upload the evidence in your audit record.

Supporting Documentation <i>Name of document and location in submission</i>	Reference <i>Page no. or section of supporting document</i>	Description of Evidence
Safe Work method statement - Delivery of Reinforcement Steel and mesh	Document	Risk assessment undertaken by Bestbar and Client
JSEA – use of Synthetic Webbing sling-loading/Unloading	Document	Risk assessment undertake by Bestbar safety and carne operators
Customer Communication – Pre slung Loads	Document	Communication guide for use of sling on site. Prepared by Bestbar WHS team

Chemical Health Impacts

Disclose all identified chemical health impacts for the relevant lifecycle phases:

Health Impact Identified	Method Of Identification	Relevant Safeguards	Transport	Installation	Use and Maintenance	End of life
Attached SDS				✓		

Additional information:

Please provide any additional information on the chemical health impacts identified above that were not captured in the table. Please ensure all relevant safeguards are clearly detailed.

Supporting documentation

Please list documentation to support the above statements and upload the evidence in your audit record.

Supporting Documentation <i>Name of document and location in submission.</i>	Reference <i>Page no. or section of supporting document.</i>	Description of Evidence
Safety Data Sheet	All	Safety Data Sheet for Reinforcement Steel

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	Health Impacts Declaration	01/08/24	Revised permissions to edit relevant areas & formatting amendments	MC	nil