

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: Spantec Systems

Targeting Level 2B **Targeting Level 3**

Product Name: [BoxSpan]

Description of product:

Spantec supplies light weight steel beams to the construction and commercial infrastructure markets.

Boxspan, as a finished product is supplied in 3 different gauges and 4 different sizes. All Boxspan products are manufactured from G550 steel with a Z450 coating.

All Boxspan installations are completed by others.

Spantec is not involved in the Use and maintenance phase, or the end of life phase.

Submission Requirements

The lifecycle phases to be addressed in the credit are:

Please ensure you nominate the relevant lifecycle phase for each identified hazard in the Declaration.

- 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.

The product is not classified as hazardous according to the Australian Work, Health and Safety regulations, or the Globally Harmonised System of Classification and labelling of Chemicals (GHS).

When handling or storing the product, the use of safe work practices (including suitable PPE) are recommended to avoid cuts and or scratches. Observe good personal hygiene, including washing hands before eating.

Store the product in a cool, dry, well ventilated area.

The product coating (Z450) is incompatible with acids (eg. nitric acid)

If molten, the product will react explosively with water.

The product may have sharp edges, which may present a risk of cuts and abrasions. Ensure correct handling and storage procedures are followed, including the use of PPE.

The product may be heavy, safe lifting procedures should be observed when handling.

The product may present a trip hazard when stored and in use. Safe storage, installation and use practices should be observed at all times. Storage areas and exclusion zones should be clearly identified as required.

Dust and toxic fumes may be generated during cutting, grinding, welding. Correct use of appropriate PPE is required whilst performing these tasks.

Any welding, cutting or other work done onsite to the product needs to be done to the correct standards and regulations, including around any fumes, dust, visual or audible pollution, sparks or waste generated. All machinery used should be suitable for the application, tested and used by experienced personnel. Correct transport and lifting procedures of the product, in line with all required standards, regulations, policies and procedures, should be followed at all times.

Products that are tied together need to be handled and unpacked carefully, as stored energy in the strapping or ties may be released during handling or unpacking.

All personnel coming into contact with the products should be suitable trained, instructed, supervised and experienced with the product.

Users should have suitable risks-assessments done and suitable procedures developed and implemented to address any hazards and risks.

Physical health impacts

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

Health Impact Identified	Method Of Identification	Relevant Safeguards	Transport	Installation	Use and Maintenance	End of life
<i>Sharp edges</i> Example only	<i>Onsite Risk Assessment</i>	<i>All staff members are provided with training and PPE.</i>		✓	✓	
Sharp edges	Onsite risk assessment	All staff members are to be provided with training and correct PPE		x	x	
Welding fumes	Onsite risk assessment	All staff members are to be provided with training and correct PPE		x	x	

All "in house" tasks that involve handling/cutting of Boxspan are covered by an appropriate JSA and SOP documentation.

Refer to answer on page 3 for any onsite tasks.

Additional Information:

Supporting documentation

Please provide documentation to support the above statements.

Supporting Documentation <i>Name of document and location in submission</i>	Reference <i>Page no. or section of supporting document</i>	Description of Evidence
<i>Onsite Risk Assessment Appendix B. Example Only.</i>	<i>Pages xx - xx</i>	<i>External Onsite Risk Assessment undertaken for Applicant by [NAME] showing all identified health risks.</i>
JSA 008 cutting beams with cold saw	Whole document	JSA document
SOP 001 cutting beams with cold saw	Whole document	Standard operating procedure

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
Respiratory hazard from coating (example only)	SDS	Adequate ventilation and appropriate PPE (masks) are required for anyone handling the product		✓		

Additional Information:

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

There are no chemical health impacts during the manufacture of Boxspan.

Product is non-combustible

Fumes/smoke may be generated during oxy cutting, grinding or welding operation onsite.

Correct use of PPE and welding respirator inline with standards is recommended.

Supporting documentation

Please provide documentation to support the above statements.

Supporting Documentation <i>Name of document and location in submission.</i>	Reference <i>Page no. or section of supporting document.</i>	Description of Evidence
<i>Safety Data Sheet Appendix A. Example Only.</i>	<i>Pages xx - xx</i>	<i>Safety Data Sheet for Product A.</i>
Product data sheet	Whole document	Bluescope – Zinc HI-TEN steel G550/G550s data sheet
Product data sheet	Whole document	Bluescope -Galvaspan steel g550 data sheet
Safety Data sheet	Whole document	Bluescope – Zinc Metal Coated steel strip and sheet – safety data sheet

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