Risk assessment and method statement (RAMS) for steelworkers

Starting point: review and adapt it for your job. Part 1 is the risk assessment, with typical hazards for steelworkers filled in. Part 2 is the method statement.

Client asking for RAMS on every job? The Site Book writes them from a short description of the work. Your first job is free: **thesitebook.co.uk/features/rams**

Company name _____ **Client** _____

Job and site address _____ **Start date and expected duration** _____

Prepared by _____ **Date** _____

Principal contractor (if there is one) _____ **Date of next review** _____

Description of the work

Describe the work this RAMS covers, where it happens and anything about the site that affects how it is done.

Description of the work

Part 1: Risk assessment

List the hazards on this job. For each one, decide who might be harmed and how, how likely it is and how serious it could be.

Can you get rid of the hazard altogether? If not, control the risk so that harm is unlikely. Give collective protective measures priority over individual ones such as PPE.

Typical hazards for steelworkers, each with the key points from our toolbox talk on it. This is a starting point, not an assessment of your job. Mark which apply to this job, cross out any that do not, and add the hazards this job has that are not listed.

Hazard or topic	Key points and controls to consider	Applies to this job?	Notes for this job
Hot Works	• A written hot works permit must be issued before any hot work begins — no permit, no work • Clear all combustible materials within at least 10 metres of the hot work area, or protect them with fire-resistant sheeting • Ensure a dedicated fire watch is maintained during hot works and for at least 60 minutes after work finishes, then check the area again two hours after the work ended • Have suitable fire extinguishers (CO_2 and water) immediately available at the hot work location • Check the area below, above, and on the other side of walls or partitions — sparks travel through gaps, ducts, and service penetrations • Never carry out hot works in areas where flammable liquids, gases, or dusts are present without a full risk assessment and gas-free certification • Ensure smoke detection systems in the area are managed during hot works (notify fire alarm monitoring, do not simply isolate)		
Working at Height	• Always plan work at height — avoid it where reasonably practicable • Use the right access equipment for the job (scaffold, MEWP, podium steps — not an improvised platform) • Ensure edge protection is in place before work begins: guard rails, toe boards, and brick guards • Ladders are only for short-duration, low-risk tasks — use a scaffold, tower or MEWP for longer or heavier work • Fragile surfaces (rooflights, asbestos cement sheets) must be clearly signed and protected • Keep platforms and walkways clear of materials and debris • Never throw tools or materials from height — use a materials hoist or bucket line		

Hazard or topic	Key points and controls to consider	Applies to this job?	Notes for this job
Weather (Heat, Cold, Wind, Rain)	• Employers must assess weather-related risks as part of their general risk assessment under the Management Regulations 1999 • Heat stress — provide shade, water, rest breaks, and reschedule heavy work away from peak heat hours (11am-3pm) • Sun protection — UV radiation causes skin cancer even on cloudy days. Cover up, use SPF30+ sunscreen, and check skin regularly • Cold — provide warm welfare facilities, hot drinks, appropriate clothing, and limit exposure time in severe cold • Wind — stop crane operations, work at height, and sheeting operations when wind speeds exceed safe limits specified in risk assessments • Rain — wet surfaces increase slip risk, visibility is reduced, and waterlogged ground can affect excavation stability and plant operations • Lightning — evacuate to shelter immediately if thunder is heard; do not shelter under isolated trees, masts, or near tall structures		

Record each hazard that applies to this job in the table below, with the controls you will put in place.

Hazard	Who might be harmed and how	Controls in place	Further action needed	Who	When	Done

Part 2: Method statement

Sequence of work

List the steps in the order the work will be done, from setting up to clearing away. Put the controls for each step next to it.

Step	What will be done	Who	Plant, equipment and materials	Controls for this step
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

People and competence

List who will do the work. Each person needs the skills, knowledge, training and experience for their tasks, or must be in the process of getting them.

Name	Role or trade	Relevant training, qualifications or cards

Personal protective equipment (PPE)

PPE	Needed for which steps

Emergencies

Record the arrangements for any foreseeable emergency, including how to evacuate the site.

First aider _____ **First aid kit location** _____

Nearest A&E (name and address) _____ **Assembly point** _____

How to raise the alarm _____ **Site contact and phone number** _____

If there is serious and imminent danger, workers should stop work immediately, report it and go to a place of safety.

Who workers report danger to _____

Briefing record

Brief everyone doing the work on this RAMS before the work begins. Each person signs to confirm.

Name	Company	Signature	Date

Approval

	Name	Signature	Date
Prepared by			
Approved by			

Based on: HSE's five steps to managing risk; the Management of Health and Safety at Work Regulations 1999, regulation 3 and Schedule 1; CDM 2015, regulations 15 and 30; HSE guidance L153. The typical hazards and key points are from The Site Book's toolbox talks on each topic, at thesitebook.co.uk/toolbox-talks.

- HSE, Managing risks and risk assessment at work: steps needed to manage risk: https://www.hse.gov.uk/simple-health-safety/risk/steps-needed-to-manage-risk.htm
- Management of Health and Safety at Work Regulations 1999, regulation 3: https://www.legislation.gov.uk/uksi/1999/3242/regulation/3
- Management of Health and Safety at Work Regulations 1999, Schedule 1: https://www.legislation.gov.uk/uksi/1999/3242/schedule/1
- CDM 2015, regulation 15: https://www.legislation.gov.uk/uksi/2015/51/regulation/15
- CDM 2015, regulation 30: https://www.legislation.gov.uk/uksi/2015/51/regulation/30
- HSE, Managing health and safety in construction (L153): https://www.hse.gov.uk/pubns/books/l153.htm

Starting-point template from The Site Book, October 2026. Review and adapt it for the actual job and site before anyone works to it.