

JOB HAZARD ANALYSIS LIBRARY

STRAVIK Construction Group · Controlled Document

Document No.	Revision	Effective Date	Document Owner	Status
STV-HSE-PRO-008	00 (Initial Issue)	2026-10-24	[SAFETY DIRECTOR]	Issued for review / pending approval

Management system alignment: This document is aligned with ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 requirements as applicable. STRAVIK Construction Group does not claim third-party certification to these standards. Florida Certified General Contractor License No. [FL LICENSE NO.].

REVISION HISTORY

Rev.	Date	Description of Change	Prepared By	Approved By
00	2026-10-24	Initial issue for STRAVIK Construction Group	[PREPARED BY]	Michael Gaya, President

1. PURPOSE

To establish a standardized process for performing Job Hazard Analyses (JHAs) and maintaining a central JHA Library for all tasks performed under STRAVIK Construction Group projects. This ensures hazards are identified and controlled before work begins — supporting the principles of ISO 45001 §6.1, OSHA 1926 Subpart C, and ANSI Z10.

2. SCOPE

Applies to all work activities at STRAVIK construction, fabrication, and maintenance sites including subcontractor operations. Covers all tasks where exposure to physical, chemical, ergonomic, or environmental hazards exists.

3. OBJECTIVES

- Provide a systematic approach to hazard identification and control.
- Ensure consistent field documentation of risk assessments.
- Create a dynamic JHA Library accessible to all supervisors.
- Promote worker engagement and hazard awareness prior to task execution.

4. RESPONSIBILITIES

Role Responsibilities

Ensures JHAs are completed and reviewed prior to starting each Project Manager phase of work.

Superintendent / Leads JHA development with crew input and verifies controls Foreman are in place.

Reviews JHAs for completeness, retains records, and conducts Site Safety Officer field audits.

Employees / Craft Participate actively in JHA preparation and follow identified Workers controls.

Maintains the JHA Library and updates templates annually or as Corporate EHS Director needed.

5. JHA PROCESS FLOW

1. Task Identification – Break the job into logical steps.
2. Hazard Identification – Identify hazards at each step.
3. Risk Assessment – Assign risk level using 5×5 matrix.
4. Control Implementation – Apply controls per Hierarchy of Controls.
5. Crew Review & Sign-off – Ensure every worker understands the JHA.
6. Execution & Monitoring – Verify compliance during task.
7. Record Retention – File completed JHAs with project documentation.

6. RISK MATRIX

Severity (S)	Description	Likelihood (L)	Description
--------------	-------------	----------------	-------------

Unlikely to occur in 5

1 – Negligible	Minor injury / no lost time	1 – Rare years	
2 – Minor	First-aid case	2 – Unlikely	Once every 1–5 years
Severity (S)	Description	Likelihood (L)	Description

Medical treatment / lost

3 – Moderate time	3 – Possible	Annual occurrence	
4 – Major	Serious injury / disability	4 – Likely	Monthly occurrence

5– 5 – Almost Fatality / multiple injuries Weekly occurrence Catastrophic Certain

Risk Rating = S × L 1–5 Low 6–10 Moderate 11–15 High 16–25 Critical

7. STANDARD JHA TEMPLATE (FIELD FORM)

Crew Project: Date: Supervisor: Reviewed By (EHS): Size:

Control Initial Residual

Task	Potential	Measures	Person
Step #	Risk	Risk	
Description Hazards Rating	(Hierarchy of Rating Controls)	Responsible	

Crew Sign-Off: All workers listed below confirm they have reviewed and understand this JHA.

Name Signature Date

8. JHA LIBRARY - STANDARD TASKS

Sample JHA

Task Category Reference ID	Primary Hazards	Key Controls
----------------------------	-----------------	--------------

Cave-in, water Sloping, shoring, Excavation & JHA-EXC-01 accumulation, struck-by barricades, daily Trenching equipment inspections

Pinch points, silica dust, PPE, dust control, rebar Concrete Work JHA-CON-02 rebar impalement caps, tool inspection

Fall hazards, falling 100% tie-off, controlled Steel Erection JHA-STE-03 objects, rigging failure lift zones, certified riggers

Competent person Collapse, falls, dropped

Scaffold Erection	JHA-SCF-04 objects	inspection, guardrails, toe boards
-------------------	--------------------	------------------------------------

LOTO, GFCI, cable Electrical Work Shock, arc flash, trip JHA-ELE-05 management, arc-rated (Temporary Power) hazards PPE

Falls, weather, manual Fall arrest, edge Roofing Operations JHA-ROF-06 handling protection, lifting devices

Heavy Equipment JHA-EQP-07	Struck-by, rollovers,	Spotters, seat belts,
Operation	blind spots	communication radios

Hot Work Permit, fire Hot Work / Welding JHA-HOT-08 Fire, burns, fumes watch, ventilation, PPE

Air testing, permits, Confined Space Oxygen deficiency, toxic JHA-CONF-09 attendants, retrieval Entry gases system

Falling debris, collapse, Engineering survey, Demolition JHA-DEM-10 noise exclusion zones, PPE

Sample JHA

Task Category Reference ID	Primary Hazards	Key Controls
----------------------------	-----------------	--------------

Mechanical aids, team Material Handling / Back strain, crush JHA-MAT-11 lifts, proper body Lifting injuries mechanics

Formwork / Rebar JHA-FRM-12	Impalement, strain,	Rebar caps, gloves,
Placement	slips	housekeeping

Housekeeping & Site Sweep schedule, debris JHA-HKP-13 Slips, trips, cuts Clean-Up bins, PPE

Flaggers, cones, high-vis

Traffic Control	JHA-TRF-14	Struck-by, visibility apparel
-----------------	------------	-------------------------------

Environmental / Spill kits, containment, JHA-ENV-15 Chemical exposure, fire Spill Response PPE

9. JHA DEVELOPMENT GUIDELINES

- Involve workers familiar with the task.
- Use manufacturer instructions and SDS for hazard data.
- Reference OSHA Subpart applicable to the activity.
- Assign residual risk only after controls are verified.

- Retain completed JHAs in the Project Safety File for five (5) years.

10. AUDIT & CONTINUOUS IMPROVEMENT

- Field audits verify JHA compliance weekly.
- Random reviews conducted by Corporate EHS.
- Lessons learned integrated into Library revisions quarterly.
- Revisions tracked via Document Control Register (STV-GOV-POL-011).

APPROVAL

Role	Name	Title	Signature	Date
Prepared By	[PREPARED BY]	[TITLE]		
Reviewed By	[QUALITY / HSE MANAGER]	[TITLE]		
Approved By	Michael Gaya	President		

This document is reviewed at least annually, or upon significant organizational, legal or operational change, and re-issued under document control per STV-GOV-POL-011.