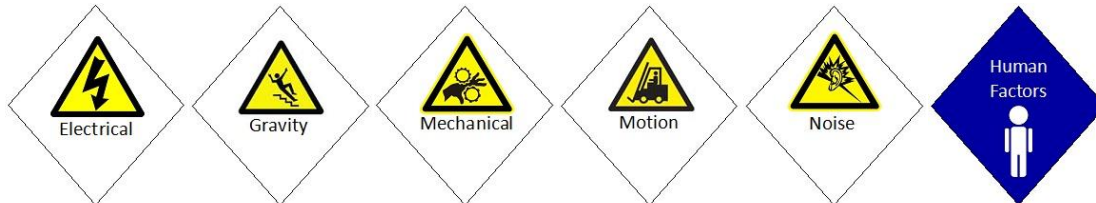


PURPOSE/APPLICATION

To provide guidance on how to safely calibrate an instrument.

COMMON HAZARD SOURCES AND CONCERNS**PPE**

- Strike Minimum Requirements (Hard Hat, Safety Glasses, Safety Footwear, Task Appropriate Gloves, Appropriate Protective Clothing)
- Specialized PPE as per HIAC (Goggles for Drilling, Hearing Protection, Reflective Coveralls, Face Shield, Fall Protection Equipment, FRC)

TRAINING

- Strike Orientation
- Indentured in Industrial Instrumentation Apprenticeship, Technologist or Journey Person

TOOLS/EQUIPMENT

The following Equipment may be required

- Power Source
- Calibration Equipment
- Ladder
- Appropriate hand tools

PRE-JOB ACTIVITIES

1. Obtain Safe Work Permit (when required)
2. Inspect all Tools
3. Inspect Calibration Gear – Review Certificate Dates
4. Assess work as per HIAC Process

#	Job Steps	Hazards and Concerns	Control Measures
1.	Assess Work Area	<ul style="list-style-type: none"> ▪ Other Disciplines ▪ Area Congestion ▪ Overhead /underground hazards 	<ul style="list-style-type: none"> ▪ Verify work area is clear from any overhead/ underground hazards and is in a tidy, organized state ▪ Follow lock out policy and procedures as required for existing facility ▪ Ensure Bypasses are on
2.	Equipment Staging	<ul style="list-style-type: none"> ▪ Ergonomics - Body Positioning and Manual Lifting 	<ul style="list-style-type: none"> ▪ Work in teams as required ▪ Use of material boxes or bags ▪ Stretch prior to starting work ▪ Position work to maintain an escape route
3.	Hook up to and Calibrate Instrument	<ul style="list-style-type: none"> ▪ Gravity – falling equipment, ground conditions ▪ Line of Fire – Pinch Points ▪ Procedures/Standards – Followed and Reviewed ▪ Ergonomics – Bending, Twisting, Repetitive Work ▪ Electrical - Potential Energy – Electrical/Pneumatic 	<ul style="list-style-type: none"> ▪ Watch hand placement, keep hands clear of crush and pinch points ▪ Fall protection plan as required by strike or client specifications ▪ Review Installation Procedures ▪ Take micro-breaks when needed ▪ Stretch as needed ▪ Utilize LOTO Procedures as per COP 05 as required
4.	Clean Work Area	<ul style="list-style-type: none"> ▪ Motion - Tripping Hazards and Slippery Ground Conditions 	<ul style="list-style-type: none"> ▪ Maintain housekeeping in the work area ▪ Plan work for ground conditions

Additional Precautions

- Traffic on work site
- Concurrent operations

REFERENCES/ADDITIONAL INFORMATION

Strike Safe Work Practice

- SWP 18 – Tools/Equipment/Machinery
- SWP 22 – Material Handling
- SWP 25 – Ladders
- COP 05 – Lock Out – Tag Out
- COP 06 – Fall Protection



SAFE JOB PROCEDURE

SJP-EI-17

DATE February 2021

Instrument Calibration

REGULATIONS:

Saskatchewan OH&S Regulation and Code

- Part 11 Powered Mobile Equipment

Alberta OH&S Codes

- Part 19 Powered mobile equipment

Manitoba OH&S Code

- Part 38 Electrical Safety
- Part 23 Cranes and Hoists

BC OHS Regulations

- Part 11 Fall Protection
- Part 13 Ladders, Scaffolds and Temporary Work Platforms
- Part 19 Electrical Safety

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Approved by:	1.	<u>HSE Committee</u>			Date:	<u>February 2021</u>
