	Equipment Inspection NAPG-SAF-SPI-0027		Revision	
	Report No (DM#): 1429579	#	Date	
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SIGNATURE

DATE

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REVIEWED BY: Shelley Cox

APPROVED BY: Darren Toner

ISSUE/REVISION INDEX

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Issue Codes: RC = Released for Execution, RD = Released for Design, RF = Released for Fabrication, RI = Released for Information, RP = Released for Purchase, RPA = Released for Permit Application, RQ = Released for Quotation, RR = Released for Review and Comments.



	Equipment Inspection NAPG-SAF-SPI-0027		Revision	
			#	Date
	Report No (DM#): 1429579		00	2020-05-07
			Review 2 year	
NORTH ATLANTIC PROJECTS GROUP				

TABLE OF CONTENTS

1.0	PURPOSE & SCOPE	3
2.0	RESPONSIBILITIES.....	3
3.0	PROCEDURE	3
3.1	ELECTRIC POWER TOOLS AND EXTENSION CORDS	3
3.2	PORTABLE ELECTRICAL EQUIPMENT.	3
3.3	GROUND FAULT CIRCUIT INTERRUPTER (GFCI).....	4
3.4	NAPG QUARTERLY INSPECTION - COLOUR CODE.....	4
3.5	ELECTRICAL REGULATIONS	4
4.0	RIGGING AND SLINGING EQUIPMENT	5
5.0	MOBILE EQUIPMENT.....	5
6.0	COMPRESSED AIR EQUIPMENT.....	5
7.0	RECORDS	6
8.0	ATTACHMENTS	6
9.0	REFERENCES.....	6

	Equipment Inspection NAPG-SAF-SPI-0027		Revision	
	Report No (DM#): 1429579		#	Date
			00	2020-05-07
		Review 2 year		
NORTH ATLANTIC PROJECTS GROUP				

1.0 PURPOSE & SCOPE

The purpose and scope of this procedure is to establish the minimum standards for routine inspection of Electrical equipment, Rigging, Slings, Surface Mobile Equipment and Compressed Air Equipment that will be implemented in the HSE program for all north Atlantic project site.

2.0 RESPONSIBILITIES

Project site management is responsible for the content, administration, implementation, auditing and maintenance of this procedure. Contractors, workers, supervisors, and maintenance personnel are required to comply with this procedure.

Contractor shall designate competent persons to inspect, all relevant equipment, register all identification in log, documented records of training and certification shall be provided to NAPG Contract Manager. (ex. Powder actuated tools, High torque tools, power floats for concrete, etc...)

3.0 PROCEDURE

3.1 Electric Power Tools and Extension Cords

This equipment can include:

- a) Handheld power tools;
- b) Lights; and
- c) Extension cords


Inspection period for this type of equipment shall be conducted as per NAPG quarterly inspections requirements. (See section 3.4)

3.2 Portable Electrical Equipment.

Portable electrical equipment includes:

- a) Electric welders;
- b) Distribution Panels;
- c) Generators;
- d) Mobile pump sets; and
- e) Any other electrical equipment which can be easily moved.

Formal inspections on portable equipment are pre-delivery to site and are every six months thereafter. Daily pre-use inspections are also a requirement. In some instances more frequent inspections may be required to comply with specific manufacturer requirements e.g. scheduled

	Equipment Inspection NAPG-SAF-SPI-0027		Revision	
	Report No (DM#): 1429579		#	Date
			00	2020-05-07
Review 2 year				
NORTH ATLANTIC PROJECTS GROUP				

inspection of portable electrical equipment. Inspections of portable electrical equipment and repairs of any electrical equipment shall be done by a qualified electrician.

3.3 Ground Fault Circuit Interrupter (GFCI)

GFCI: GFCI's in this document shall mean current operated (core balance) earth leakage devices Class A. A Class A device has a rated trip setting of leakage current to ground more than 5mA. All general power outlets will be fed through a GFCI.

All 110 volt and 240-volt socket outlets shall be protected by an GFCI, which will disconnect the source of supply in the event of a current to earth of 5 milli-amps or more;

For testing of GFCI's the following shall apply:

All GFCI's shall be trip tested using the built-in trip facility before every use.

3.4 NAPG Quarterly Inspection - Colour Code

The colour coding for the inspection tape or zip-ties of electrical equipment shall be:


January to March	Blue
April to June	Green
July to September	Yellow
October to December	White

Contractor shall develop and maintain a register log of all the following equipment such as; Electrical equipment, Rigging, Slings, Surface Mobile Equipment, Compressed Air Equipment, etc...

3.5 Electrical Regulations

All electrical connections and repairs are to be carried out in accordance with CSA, the Electrical Safety Authority standards and are to be carried out by a qualified electrician.

Faulty equipment shall be tagged with a white equipment status tag as "out of service" and delivered to a point for collection and/or repaired by a qualified electrician.

	Equipment Inspection NAPG-SAF-SPI-0027		Revision	
			#	Date
	Report No (DM#).: 1429579		00	2020-05-07
				Review 2 year
NORTH ATLANTIC PROJECTS GROUP				

4.0 RIGGING AND SLINGING EQUIPMENT

All rigging and slinging equipment shall be inspected and colour coded every three months. Contractor to develop and maintain a register of all rigging and slinging equipment used.

January to March	Blue
April to June	Green
July to September	Yellow
October to December	White

Each piece of equipment shall clearly exhibit the safe working load (SWL) rating.

The inspections shall be conducted by a certified, competent rigger and will be recorded by the rigger.

Suppliers shall provide a “Proof Load Certificate” for all load bearing equipment (slings, chain blocks, etc.).

A visual inspection shall be conducted prior to every use of rigging and slinging equipment with all equipment displaying signs of excessive wear or damage being destroyed and discarded.

5.0 MOBILE EQUIPMENT


Equipment coming to the project shall have a Surface Mobile Equipment Assessment completed and an NAPG inspection sticker affixed to that specific unit. This inspection shall be conducted in conjunction with a certified and / or competent operator.

All mobile equipment on a project site shall have a pre-start inspection completed before use on all shifts.

Any equipment that comes to site and does not meet site standards will be removed from site. The completed daily inspection checklist shall be stored on the equipment and available for review at any time. Scheduled maintenance and inspections shall be completed on all mobile equipment on the project site as per the supplier / manufacturer recommendations. The completed maintenance checklists shall be kept on file by the contractor who hires or owns the equipment and be available for review at all times. The pre-use inspections shall be completed by certified competent operators

6.0 COMPRESSED AIR EQUIPMENT.

Before compressed air equipment is brought to site it shall be inspected by a qualified inspector and fit for purpose. Regular maintenance inspections shall comply as per manufacturer’s recommendations. All hoses and fittings shall be checked and the use of hose clips (Minsup

	Equipment Inspection NAPG-SAF-SPI-0027		Revision	
			#	Date
	Report No (DM#): 1429579		00	2020-05-07
		Review 2 year		
NORTH ATLANTIC PROJECTS GROUP				

Clips) is mandatory. Certificates of inspection of air receivers shall be provided before arriving on site. Hoses and fittings shall be inspected prior to each use.

7.0 RECORDS

none

8.0 ATTACHMENTS


None

9.0 REFERENCES

- 507763-000-0000-68AG-0024 AER Equipment Inspection
- Host site ZES (lock and tag out program)
- NAPG-SAF-SPI-0005 NAPG H&S policy
- NAPG-SAF-FRM-0017 Rigging inspection form
- NAPG-SAF-FRM-0015 Surface mobile assessment form
- NAPG-SAF-SPI-0008 Cranes and lifting equipment
- NAPG-SAF-SPI-0025 General Power Tools
- NAPG-SAF-SPI-014 Electrical Safety
- NAPG-SAF-SPI-0023 Mobile Equipment

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	Equipment Inspection NAPG-SAF-SPI-0027	Revision	
	Report No (DM#): 1429579	#	Date
		00	2020-05-07
Review 2 year			
NORTH ATLANTIC PROJECTS GROUP			