

GRAPPLE MANUFACTURER: _____

GRAPPLE STYLE OR MODEL NUMBER: _____

The objective of this document is to assist Employers, Workers or Purchasers acquire information from Manufacturers and Suppliers to confirm that the Scrap and Material Handling Grapple is compliant to the ASME B30.20 and ASME BTH-1 standards, as they are the most recognized standards used in North America when referencing construction, installation, operation, inspection, and maintenance of grapples.

Legislation, Standards and Specifications

Can the Manufacturer or Supplier confirm the grapple complies with the ASME B30.20 and ASME BTH-1 standards?

Design Factor

What is the Design Factor for the grapple? _____

Grapple Identification

Is the manufacturer's name and contact information marked on the grapple? _____

Is the serial number marked on the grapple? _____

Is the grapple weight marked on the grapple? _____

Is the rated voltage marked on the grapple? _____

Is the operating hydraulic pressure marked on the grapple? _____

Is the rated load marked on the grapple? _____

Is the design category marked on the grapple? _____

Is the service class marked on the grapple? _____

Inspection Requirements

What are the manufacturer's instructions for completing Initial Inspections? _____

What are the manufacturer's instructions for completing Frequent Inspections? _____

What are the manufacturer's instructions for completing Periodic Inspections? _____

Removal Criteria

What are the manufacturer's removal criteria for the grapple? _____

Selection, Limitations and Use

What environmental concerns need to be considered? _____

What is the manufacturer's maximum temperature rating? _____

What is the manufacturer's minimum temperature rating? _____

What are the manufacturer's cautions to personnel? _____

What are the limitations when side loaded? _____

What are the manufacturer's specifications regarding load application? (surface, balance, temperature, thickness, flatness, bending, distribution) _____

What are the manufacturer's specifications regarding energising the grapple? _____

What are the manufacturer's specifications regarding attaching the grapple to the lifting device? _____

What are the manufacturer's specifications regarding load swing? _____

What are the manufacturer's specifications regarding suspended loads? _____

Does the manufacturer give any additional information? _____

Maintenance

Does the manufacturer allow the grapple to be Repaired, Altered, or Modified? _____

What are the manufacturer's storage requirements? _____
