

BELOW-THE-HOOK LIFTING DEVICE
Load Test Checklist

Lifting Device Numbers:

Teamcenter #	_____	Div. Specific No.	_____	Asset No.	_____
	If applicable		If applicable		If applicable

Device Name or Description: _____

Responsible Engineer: _____

Pre-Load Test Checklist

<u>Engineering Analysis</u> – Has the responsible engineer completed a structural analysis of the lifting device in accordance with ASME BTH-1?	[]
<u>Load Test Procedure</u> – Has the responsible engineer written a procedure for the load test and included it in the engineering note?	[]
<u>Hazard Analysis</u> – Is a hazard analysis required for the load test? If so, the HA identifier must be included in the engineering note.	[]

Load Test Checklist

<u>Hazard Analysis</u> – Have all necessary personnel read and signed the HA?	[]
<u>PPE</u> – Are all personnel involved wearing the appropriate PPE? Any personnel within 10 ft. of any suspended load must be wearing a hard hat.	[]
<u>Rigging Components</u> – Load test personnel must gather the appropriate rigging components (slings, chains, hoist rings, etc.) and the responsible engineer must verify that the components are sufficiently rated for their use in the load test.	[]
<u>Crane Scale Calibration (if crane scale used)</u> – The responsible engineer must verify the crane scale’s calibration is up to date. This can be checked on the device’s calibration sticker. The responsible engineer must also verify the scale is set to the desired units.	[]
<u>Weights</u> – Weigh each component and record the weights here in both Imperial and Metric units.	[]
Lifting Device Weight _____ lbs _____ kg Test Load Weight _____ lbs _____ kg	
<u>Crane Capacity</u> – The responsible engineer must verify the total load on the crane during the load test will not exceed the crane’s rated capacity.	[]
<u>Documentation</u> – Take photos of the load test setup and the load test in process	[]

Post-Load Test Checklist

<u>Inspection</u> – The responsible engineer should inspect the lifting device following the load test in accordance with FESHM 10110 and ASME B30.20. The results of the inspection must be documented in the engineering note.	[]
<u>Submit Documentation to Division-Specific Repository</u> – The responsible engineer must submit the following materials to the division-specific repository. <ul style="list-style-type: none"> • FESHM 10110 Cover Sheet (with all required signatures) • FESHM 10110 Load Test Checklist (this form) • Engineering Note (via Teamcenter) • Photo of the Lifting Device • Photos of the Load Test 	[]