

# Competency to Operate Blow Torch


Lendlease's Services business



<b>Worker Name:</b>		<b>Unique Student Identifier (USI): (if known)</b>	
<b>Supervisor Name:</b>		<b>Date of Assessment:</b>	1/1
<b>Make/Type of Tool used (Including Size):</b>			

## General Information for this Competency to Operate (CTO):

This CTO outlines the safe operation of a Blow Torch with gas bottle attachment. This CTO is for use when it is expected that a person will use a Blow Torch as part of their normal work duties. It is also to verify that a person has the competency to operate a Blow Torch after completing the nominated tasks on this CTO.

<p><b>This CTO covers the following tasks:</b></p> <ul style="list-style-type: none"> <li>• Pre-start Checks</li> <li>• Job Setup</li> <li>• Personal Protective Equipment</li> <li>• Testing and using Blow Torch</li> <li>• Shutting down Blow Torch</li> <li>• Gas bottle replacement</li> </ul>	 <p>Picture is example only</p>
---	--

<p><b>Report from Supervisor</b></p> <p><input checked="" type="checkbox"/> The worker completed all instructions and demonstrated the correct and safe use of a <b>Blow Torch</b></p> <p><input type="checkbox"/> Any areas of incorrect or potentially unsafe demonstration or use were discussed with worker who then exhibited correct/safe understanding/demonstration.</p> <p style="padding-left: 40px;">Worker observed using a <b>Blow Torch</b> in a competent and safe manner:</p>	
<p><b>Result (Please Circle)</b></p>	<p><b>NOT YET COMPETENT</b></p>
<p><b>Name of Supervisor:</b></p>	
<p><b>Date Assessed:</b></p>	
<p><b>Feedback given to worker</b></p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p><b>Worker Signature:</b></p>	

Comments: \_\_\_\_\_

# Competency to Operate Blow Torch

Lendlease's Services business



Supervisor to Tick ✓ for **Competent** or **X** for **Not Yet Competent** and **N/A** is **Not Applicable**, as required

Action to be Assessed	
<b>Pre-Start Check – The Worker:</b>	
<input checked="" type="checkbox"/>	Checks that the use of relevant <b>Blow Torch</b> is within scope approved SWMS and tool is suitable for task
<input checked="" type="checkbox"/>	Carries or transports the tool correctly to the jobsite,
<input type="checkbox"/>	Identifies main components, checks burner, handle, safety valve, regulator, hose and hose clips for serviceability.
<input checked="" type="checkbox"/>	Checks the safety valve is fully closed
<input type="checkbox"/>	Checks the gas bottle and ensures safety valve is fully closed, gas leak detector should be in use
<input checked="" type="checkbox"/>	Connects hose to gas bottle and checks connection <i>N/A</i>
<input checked="" type="checkbox"/>	Knows correct process for tagging out if defect/damage is discovered
<b>Set-up – The Worker:</b>	
<input type="checkbox"/>	Check Fire Danger Rating
<input checked="" type="checkbox"/>	Completes risk assessment and work permit requirements (if applicable) are finalised and authorised
<input checked="" type="checkbox"/>	Checks surroundings for any plant, equipment, vegetation, flammable liquids, other workers that could be affected, obstacles/trip hazards
<input checked="" type="checkbox"/>	Ensures that the fire protection, extinguisher, blankets etc are readily available
<input checked="" type="checkbox"/>	All PPE is available, suitable, and used (e.g. gloves, hearing protection, safety glasses, face shield etc) along with no loose clothing or hair
<input checked="" type="checkbox"/>	Ensures job/work piece is secured
<input checked="" type="checkbox"/>	Erects appropriate screens, <u>barricades</u> etc as required <i>N/A</i>
<input checked="" type="checkbox"/>	Ensure adequate ventilation
<b>Testing and Using – The Worker:</b>	
<input checked="" type="checkbox"/>	Holds torch on the handle
<input checked="" type="checkbox"/>	Turns valve on gas bottle one turn – don't overturn
<input checked="" type="checkbox"/>	Turns on safety valve on <b>Blow Torch</b>
<input checked="" type="checkbox"/>	Ensures a balanced, defensive stance and keeps a firm grip on the <b>Blow Torch</b> with both hands, with the thumb and hand wrapped around the front handle <i>(Small torch so where applicable)</i>
<input checked="" type="checkbox"/>	Push trigger to ignite the flame on the <b>Blow Torch</b>
<input checked="" type="checkbox"/>	<b>Blow Torch</b> is run to allow warm up and ensure its running evenly
<input checked="" type="checkbox"/>	Keeps burner away from body and hands
<input checked="" type="checkbox"/>	Doesn't touch materials heated by torch until cooled
<b>Shut-down and Storage – The Worker:</b>	
<input checked="" type="checkbox"/>	Release trigger and shut valves on both the torch and gas bottle before removing face shield
<input checked="" type="checkbox"/>	Allow burner to cool
<input checked="" type="checkbox"/>	Checks condition of <b>Blow Torch</b> prior to storage to ensure that it is in a serviceable condition
<input checked="" type="checkbox"/>	Stores Blow Torch and gas bottle securely in vehicle before transportation

## Version

Number	Comments	Date	Revision By
01	Publish new	19 December 2017	Sarah Colette