

## JOB INSTRUCTION BREAKDOWN SHEET

Operation: TYING A FIRE UNDERWRITER'S (ELECTRICIAN'S) KNOT

Parts: —

Tools & Materials: TWISTED LAMP CORD

IMPORTANT STEPS	KEY POINTS	REASONS
<p><u>What is done</u> A logical segment of the operation when something happens to advance the work.</p>	<p><u>How it is done</u> Anything in a step that might-</p> <ul style="list-style-type: none"> <li>- Make or break the job</li> <li>- Injure the worker</li> <li>- Make the work easier to do, i.e., "knack, "trick", special timing, bit of special information</li> </ul>	<p><u>Why it is done</u> The reason for the key points.</p>
<p>1. UNTWIST &amp; STRAIGHTEN</p>	<p>- 6"</p>	<p>- TOO LONG = TRIM/SCRAP TOO SHORT = REWORK</p>
<p>2. R.H. LOOP</p>	<p>- IN <u>FRONT</u> OF MAIN STRAND</p>	<p>- WON'T ACT AS STRAIN RELIEF IF LOOP <u>BEHIND</u>.</p>
<p>3. L.H. LOOP</p>	<p>- <u>TOWARD YOU</u> <u>AROUND</u> STUB <u>BEHIND</u> MAIN STRAND</p>	<p>- ENSURES YOU GO <u>AROUND</u> - WON'T TIE OTHERWISE. - WON'T WORK SAFELY.</p>
<p>4. PULL STUB THRU</p>	<p>-</p>	<p>-</p>
<p>5. TIGHTEN</p>	<p>- ENDS EVEN - LET GO/PULL DOWN - PULL TAUT</p>	<p>- UNEVEN = TRIM/SCRAP - SHAPE KNOT/MAINTAIN 6" - PREVENTS LOOSENING</p>
<p>6.</p>	<p>-</p>	<p>-</p>
<p>7.</p>	<p>-</p>	<p>-</p>