



PTW CHECKLIST - NO. 32		Title: Live Electrical Work on AC and DC Systems	
Owner: Capability Coordinator			
Approver: Capability Coordinator		Max Validity Period: 5 yrs	
Permit No.:		Date:	
Latest Rev	Date	Details	Authorised By
5.0	Jan 2016	Full revision	S Elliott

Other Checklists That May Be Relevant: [44](#), [18](#), [52](#)

HRA Checklists:

PREPARATION:

NOTE: This checklist is not required to test equipment to determine its energised state (live or dead).

People carrying out this activity shall be familiar with the following documents:

[Electrical Safety Rules](#),

[STA-01.22](#) - PPE requirements for work in proximity to Electrical Equipment

[STA-01.36](#) - Work on Live Electrical Equipment and Circuits.

PRIOR TO PERMIT ISSUE:

Tick when done

- | | | | | | |
|----|---|---|--------------------------|--------------------------|--|
| | | Y | N | NA | |
| 1. | Confirm that work cannot be done with equipment isolated i.e. work can only be done under live conditions. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| 2. | Tools are suitably insulated and in sound condition and test equipment has a current test date. | <input type="checkbox"/> | | | |
| 3. | If working from a ladder, is the ladder non-conductive i.e. fibreglass construction? | <input type="checkbox"/> | | <input type="checkbox"/> | |
| 4. | Arc Flash Hazard Category Level established according to Operating Procedure STA-01.22 – Circle applicable Hazard Category No. | <input type="text" value="1"/> <input type="text" value="2"/> <input type="text" value="3"/> <input type="text" value="4"/> | | | |
| 5. | Arc Flash PPE selected. | <input type="checkbox"/> | | <input type="checkbox"/> | |
| 6. | A dedicated watchman with radio, current first aid training is positioned outside the arc flash boundary and is able to electrically isolate the equipment involved.
Name: _____ | <input type="checkbox"/> | | | |
| 7. | Electrical/instrument interlocks or other potential sources of supply on live Equipment. Have been reviewed and understood. | <input type="checkbox"/> | | <input type="checkbox"/> | |

PRIOR TO COMMENCING TASK:

- | | | | | |
|-----|---|--------------------------|--|--------------------------|
| 8. | Pre-use inspection of Arc Flash PPE completed. | <input type="checkbox"/> | | |
| 9. | Correct type of fire extinguisher is available at worksite. | <input type="checkbox"/> | | |
| 10. | Consider standing on a rubber mat and the use of rubber gloves when doing the work. | <input type="checkbox"/> | | <input type="checkbox"/> |
| 11. | Remove metal jewellery and watches etc. | <input type="checkbox"/> | | |