

DRESSER-RAND-POWER

DR61G(000)-1-4

CHAPTER 5

ROUTINE ELECTRICAL EQUIPMENT INSPECTIONS

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1 GENERAL

The Operator maintenance for the electrical systems consist mainly of visual inspections of the equipment and reporting malfunctions to the maintenance personnel for their attention.

The external procedures, relating to the exterior of the control cabinets, detailed below should be carried out periodically according to the ambient conditions at the installation.

The internal inspection of the cabinets and cabling trunking should only be carried out to coincide with scheduled site maintenance or while the installation is shut-down.

NOTE: Do not touch internal components of the cabinet, (other than switches and miniature circuit-breakers), without previously isolating that cabinet from all power supplies.

2 EXTERNAL

1. Wipe over the control panel with a moistened cloth to remove accumulated dirt from the panel surface, meters, buttons, labels etc. This not only improves operator moral, but reduces the risk of operational failure due to obscured component identities.
2. Clean the Turbine Control Panel Video Display Unit screen with a proprietary anti-static cleaner.
3. Check presence and legibility of labelling.
4. Check physical condition, correct positioning and function of all pushbuttons/indicators.
5. Check security of all rotary controls.

3 INTERNAL

1. Visually inspect interior of cabinets and cable trunking for evidence of burning, rodent damage, rust, corrosion, chaffing or other signs of deterioration or malfunction.
2. Physically check condition and security of plug-in cards, cable connectors, electrical connections, fuses etc.