

Power Factor Correction Module

Last Issue Date: 20/07/2011		Type Of Service				
Activity		A	B	C	D	E
1	Clean filters and check operation of fan.			Y	Y	
2	Check switchboard for: - condition and any damage - ventilation - evidence of overheating - audible discharge - signs of vermin - combustible materials - general cleanliness - vacuum and clean interior of switchboard				Y	
3	Check condition of all insulation				Y	
4	Check operation of all contactors				Y	
5	Check operation of bleed resistors				Y	
6	Check condition, operation and correct rating of fuses, circuit breakers, switches and switch units.				Y	
7	Check operation of power factor controller, number of control stages, record KVA reading.				Y	
8	Record corrected power factor value.				Y	
9	Check: - condition/operation of re-setting buttons, re-set as necessary - condition/operation of all indicator lamps and switches - all isolating switches are in the "ON" operating position - all fascia switches are in the "AUTO" operating position				Y	
10	Check all wiring duct covers are fitted				Y	
11	Check/record delay periods of time delays cut in and cut out				Y	
12	Check cooling fan operation				Y	
13	Check and clean vent filters and louvres				Y	
14	Check and tighten all joints and connections				Y	
15	Clean and check condition and operation of mechanisms				Y	
16	Check all main electrical connections: - for signs of overheating or verdigris - are tight and making good contact				Y	
17	Check main earthing for continuity and mechanical protection				Y	
18	Check and record voltage across capacitor banks for each stage				Y	
19	Record all results in log book.				Y	

Disclaimer - This TDS is intended to provide guidance only to support Preventative Maintenance servicing activities. All TDS users are encouraged to read and understand the full [Conditions of Use](#) provided on the final page of this document and on the DPTI website.

For more information please contact the applicable Facilities Management Service Provider.



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Department of Planning,
Transport and Infrastructure

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Special Comments and Technical Data

C SERVICE 3 OR 6 MONTHLY DEPENDING ON DUSTINESS OF AIR
D SERVICE TO BE UNDERTAKEN YEARLY

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