Annexure-3

BESCOM

BANGALORE ELECTRICITY SUPPLY COMPANY

Joint Inspection report of failured Distribution Transformer after opening the top cover

Name of the repairing firm:		
Date of Joint Inspection:		
Details of failed Distribution Transformer:		
1	Core	
a	Core material	
b	Condition of the core	
2	HV Coil	
a	Number of Coils failed/burnt	
b	Phase of the failed/burntcoils (R-Y-B /1U-1V-1W)	
c	Number of coils per phase	
d	Winding material (super enameled Copper/Aluminium)	
e	Type of inlsulation (Paper insulation)	
f	Number of Turns per phase	
g	Cross sectional area of the conductor in Sqmm	
h	Resistance of the winding in ohms at 20 deg C.	
i	Weight of the coil/phase	
3	LV Coil	
a	Condition of the LV winding (healthy/damaged)	
b	Winding material (super enameled Copper/ Aluminium)	
c	Type of inlsulation (Paper insulation)	
d	Number of Turns per phase	
e	Cross sectional area of the conductor in Sqmm	
f	Resistance of the winding in ohms at 20 deg C.	
g	Weight of the coil/phase	
4	Insulation between HV&LV coils	
a	Condition of insulation between HV&LV coils	
b	weight of insulation required to be replaced in Kgs	
5	Others	
a	Replacement of conservator tank in kgs	
b	Explosion vent in kgs.	
c	Radiators in kgs.	
6	Quantitiy of Oil released in Ltrs. (to be returned by AE/JE/SO)	
7	Condition of the tap changer	
8	Details of scrap in Kgs.	
a	HV coil with insulation	
b	HV coil without insulation (72.84 % of (a))	
c	LV coil with insulation	
d	LV coil without insulation (72.84 % of (c))	
e	Scrap hardware such as wheels, walvs, converters, pipes etc.,	
f	Scrap laminations (core)	
g	Brass scrap	
9	Conversion of CSP to conventional bolt and nut type	

Joinlty inspected by us and the transformer with/without oil is handed over to the repairer

Firm representative
Name & Signature

Section Officer,
C, O & M .....Section

Asst.Exec.Engineer (O),
C, O & M .....Division

Asst.Exec.Engineer,
M.T. Division, ...