

Letter Annexures



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED
[Corporate Identity Number (CIN) : U40109RJ2000SGC016485]
OFFICE OF THE SUPERINTENDING ENGINEER(QC-Inspection & Monitoring)
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No. RVPN/SE/QC-Inspection & Montg./ XEn-2/Insp./F. /D **74** Dated **16-5-18**

The Superintending Engineer(T&C)- ALL Circle(s),
Rajasthan Rajya Vidyut Prasaran Nigam Ltd.,

Sub :- Abstract of Inspection Report as per prescribed format Annexure-I & Annexure-II, to be submitted by T&C wing Officers.

Ref:- Inspection Norms circulated by CAO(P&F-Cont.),RVPN,Jaipur vide F&R-1104 dt.08.09.17.

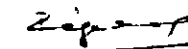
While going through the GSS inspection reports received by this office, it is observed that some of the officers of T&C wing (SE's) are not enclosing the following prescribed Abstract/Annexure(s) regularly alongwith the detailed inspection report (refer note point vi & viii below the table of inspection – F&R 1104 dt.8.9.17). Also sometimes the shortcomings indicated in Annexure-I & III conflict with each other or with detailed IR.

- i) **Annexure-I:-** Inspection Point circulated by Director(Technical) (enclosed).
- ii) **Annexure-II:-** Abstract of Shortcomings/Observations noted during inspection as per detailed inspection report (enclosed).

The following important shortcomings/observations if any, are to be covered in above Abstract/inspection note, besides other general observations so that shortcomings are compiled in proper way.

- i) Surplus material (Scrap & serviceable)
- ii) Painting of Equipments/structure/other
- iii) Firefighting arrangement (Refilling, placement & mock drill).
- iv) Safety Measures (availability of safety Equipments).
- v) Lighting of GSS(yard/colony/C/R/others).
- vi) Transformer related shortcomings (aircell inflation/condition of Silicagel / Silicagel breather , working of OTI/WTI/temp. meter /OLTC.
- vii) Oil Leakage (CT's/CVT's).
- viii) Various points of "5S" i.e proper arrangement of stores, provision of various Display boards/Charts, Plant Maintenance as per schedule & PM records, general cleaning & nomenclature etc.
- ix) Important Civil works related shortcomings i.e Trench covers, gravelling, firefighting wall, roof leakage & damage false ceiling .
- x) Any other observations.

It is therefore requested to kindly enclose the above abstract (Annexure-I & II) alongwith detailed inspection report , covering all important shortcomings of the detailed inspection report.


16/5/2018
(R.K. Gupta)

Superintending Engineer(QC, Insp. & Montg.)
RVPN, Jaipur

Copy submitted to the Chief Engineer(T&C),RVPN,Jaipur/Ajmer/Jodhpur for kind information & ensuring the compliance by all SE's under jurisdiction..


16/5/2018
Superintending Engineer(QC, Insp. & Montg.)
RVPN, Jaipur

QC/AEN-2/Format 4 (ii)

Annexure-II

**ABSTRACT OF SHORTCOMINGS/ OBSERVATIONS NOTED DURING INSPECTION
AS PER VARIOUS FORMATS /CHECKLIST OF INSPECTION MANUAL**

S.No	Name of GSS /Line / Name of Office inspected	Date of Inspection	Observation/Remarks

Note: The important observation/shortcoming (If any) required to be covered under the column observation/remarks are indicated below, in addition to other observations/instructions :-

A) ELECTRICAL RELATED POINTS:		
1	Surplus material (scrap & serviceable)	59. related points excluding surplus:- (Proper arrangement of store/ material laying in yard with nomenclature/ display boards/chart /Plant maintenance & Maint. Record/entry in SAP/ Cleaning (general/yard etc)/.
2	Painting of Equipments/Str./Other	
3	Firefighting arrangement (insufficient qty. as per norms/placement/refilling/ mock drill/ yearly maint record)	8. Maintenance of EHV Lines/ Line patrolling (date to be mentioned)
4	Lighting of GSS (Yard/colony/C/Room/others)	9. Safety Measures (Awareness about safety measures/ use/ availability of safety equip.) / compliance of PTW instructions
5	Transformer related shortcomings (Aircell inflation/silicagel /breather/OTI/WTI/ OLTC/Oil level /DGA test/ Tan delta/earth resistance measurement with data/ cooling fan/NIPES	10. Defective Equipments/ Replacement of obsolete/old equipments:
6	Oil Leakage (CT/CVT/Trfr etc.)	12. Civil Works Related Shortcomings
		13. Any other observations



POINTS OF INSPECTION PERTAINING TO EHV GSS OF RRVPN

Name of GSS -

Name of Circle -

Name & designation of

Date of inspection -

Name of Zone -

inspection officer -

SN	Point of Inspection	Observations	Remarks
1	Maintenance of proper bus voltage (a)11KV Bus(10.5KV - 12KV) (b)33KV Bus(32KV - 35KV) (c)132KV Bus(129KV - 136KV) (d)220KV Bus(216KV - 230KV) Note-In general, the bus voltage is to be maintained slightly above the rated voltage.		
2	Maintenance of Power Factor (33KV I/C & 11KV I/C) 0.98(lag) - 0.98(lead)		
3	Number of tripping at various voltage levels		
4	Execution of "5S" (a)Material management Here Observation note(I) below regarding surplus/scrap to be entered) (b)Proper arrangement of GSS Store (c)Plant maintenance as per schedule		

	<p>(d)Overall cleanliness Here Observation related to general cleaning i.e C/R/ Battery/PLCC room, Panels, cable trenches, Yard cleaning etc to be entered as per detailed I/Report]</p> <p>(e)Provision of Display Boards & Charts</p>		
5	<p>Fire Fighting (a)Status of fire extinguishing cylinders. <i>(observation related to qty. as per norms & refilling of cylinders /refilling dt. to be indicated)</i> (b)Proper placing of fire fighting equipments & their condition. (c)Whether mock drill of fire fighting is being done or not as per schedule <i>(Dt. Of last mock drill to be indicated)</i></p>		
6	<p>Safety Measures (a)Awareness about safety measures (b)Use of safety equipments (c)Observation of safety measures</p>		
7	Staff in proper dress		
8	Various Entries in SAP		
9	Timely repair/replacement of defective equipments and transformer		
10	Performing maintenance activities properly and their correct entries in SAP		
11	Condition of Yard Light & Road Light		
12	Condition of Residential Colony & Service Road		