

1. Introduction & Benefits Of AMC :

Preventive maintenance is most important activity for trouble free operation and uninterrupted supply of power. Annual maintenance contract is the preventive maintenance conducted by us for our customers. AMC plan involves periodic maintenance of Transformers conducted on quarterly and on annual basis. We also under take A.M.C. for different type of transformers including unitized substations of any make. Annual four Visits are planned at site by our Service Engineer & technician team for Periodical maintenance of the Transformer.

In today's competitive era, quality is a prime factor. Quality out put from any Transformer depends on Transformer's repeat performance. To get repeat performance; Transformer maintenance is a key factor. Maintenance of Transformers with requires special skills. Every organization may not have specialized maintenance team to take care of all variety of Transformers. Special engineers are the best people to support in maintaining these Transformers as total technology is available with them. In order to help our customers in getting the best throughput from the Transformer, we have introduced the concept of Annual Maintenance Contracts for the Transformer up to **100 MVA**.

The Annual Maintenance Contract is the legal agreement normally conducted between two companies wherein the later agrees to render the maintenance service annually to the former at an exchange of the nominal amount. It ensures that the later promises to provide maintenance services to the former all through out the year on a regular basis.

Our Focus :

To recognize the specific service requirement based on the critically of assets used for manufacturing / servicing or any other process including lighting, air conditioning etc.. We have developed in-house expertise & provide the additional capabilities needed to maintain site equipment performance at the required level. Our experienced service professional can help to identify & implement effective contract maintenance programs that can reduce cost & improve uptime by maintaining equipment at peak performance levels.

We offer full service & maintenance whether on site or at our in-house factory servicing wing

- With more than 40 years experience in servicing transformers, we are one of the oldest & most reliable service providers.
- Skilled technicians to assess the breakdown cause & understand the needs of asset uptime & reliability over its life cycle.
- Broad network with area coverage over entire Gujarat, Daman, Silvassa, Bhopal, Boisar, Tarapur, Mumbai, Nashik, Jaipur, Thane, Aurangabad, Wada, and many more...
- More than 18000 transformers already serviced or under service contract.
- Ensure checking breakdowns within 24 hours anywhere in our coverage area.
- Only transformer company which has service team that provides site services

Ref. No. :

Date :

2. Service We Provides :

For Quarterly Visit	For Yearly Visit
<ul style="list-style-type: none">• Inspection of Oil Level• Oil Leakages if any• Breather Condition• Inspection of HV & LV insulator (Examine for cracks and dirt deposit)• Metal parts checking• Inspection of OTI, WTI, PRV, B.Realy, OSR, Explosion Vent etc..• Radiators ventilation for proper cooling• OLTC functions (If Available)• I.R. Value Check• Check Magnetic balance (If Required)• Ratio Test On All Taps (If Required)• Winding Resistance (If Required)• Polarization Index (PI) (If Required)• BDV Of Oil• Reporting Of any abnormality during operation	<ul style="list-style-type: none">• All services are include of Quarterly visit• Taking out main cover / inspection window, sludge removing by oil jet• Inspection of tap changer, conservator, oil level indicator replace• Oil filtration for improving B.D.V. & I.R. values, improve acidy level of oil• Attending oil leakages if any• Replacement of all HV & LV rubber / cork gaskets and oil seals• Replacement of breather Ones in a year FOC• Tightening or refitting of HV / LV terminals And cables and improving contact surface with reduce resistance values• Inspection & Testing of all Tripping and Earthing system• Transformer outer surface cleaning & de-rusting

Ref. No. :**Date :**

3. General terms & Conditions for AMC :

The general condition for service contract would be as following terms :

- The AMC and repair charges will be as per our quotation.
- The AMC is essentially designed to perform the routine preventive maintenance service involving, the general check up, periodical assessment and to get a trouble free performance from the Transformer.
- Top and major overhauling repairs to the accessories failed are not covered in the scope of the maintenance contract, which can be done by us at extra cost. In such cases we shall submit our quotation for the work involved and the approximate estimate for the approval.
- Our Service engineers/technicians will carry out routine maintenance and periodical checkup of equipments once in a three month.
- Any servicing material and stores i.e. filter equipments, cotton west, electricity, worn out hardware, lubricants, etc required for the routine maintenance should be provided by the customer. Alternatively, we can supply this at extra cost. Only if customer requires.
- The transformer under this service maintenance contract will not be covered by any other guarantee or warranty other than the manufacturer's warranty for the new product.
- The customer is advised to insure the machinery under suitable insurance policy during AMC, if required.
- Exception of this contract shall apply during the effects of war, riots, strikes and any unlawful occupations, which are beyond company's control.
- This contract is not transferable.
- Any disputes occurring out of the contract, shall unless amicably settled will be referred to arbitration under the Indian arbitration act and subjected to judicial jurisdiction of Valsad.
- Attending of Eventual Breakdown : Minor breakdown related to transformer shall be attended within 24hrs on receipt of complaint at our service centre which is functioning 24x7 .
- Trans Electro will try to attend transformer's related problems promptly but shall not be responsible for the losses faced by customer due to such supply interruptions.
- Fore-Closure of Contract : The contract can not be cancelled prematurely. Refund claim for the preventive maintenance charges will not be entertained if customer decides to fore close the contract.
- The liability of Trans Electro shall be limited to providing services & replacing spares as covered by this contract & Trans Electro shall not be liable for damages, injuries, death or any consequential damages of what so ever nature to any person or property.
- With regards to repairing/replacing worn-out/defective parts and ascertaining proper functioning of the equipment, the decision of Trans Electro shall be final.
- Painting of the tank & parts are not covered under this contract.
- This contract is not terminable before the expiry of the contract.
- The contract should be renewed before expiry of the service contract to ensure continuity of preventive maintenance. Renewal after expiry of contract may require inspection & certification for healthiness of the equipment by Trans Electro's authorized representative. The inspection & certification cost will be extra depending upon the place of installation.
- If transformer is transfer Or shift from its original place and damage from any side, repairing cost of damaged transformer is not covered in maintenance contract, this can be done by us at extra cost.
- during the period of damaged transformer, We may provide service transformer at customer's site on mutually agreed rental charges.

Payment Terms:

1. The payment for AMC should be made in advance before the agreement becomes effective.
2. The payment for the intermediate all other than over usual free visits and other bill shall be made within a week from the presentation of our bill.
3. The cost of the spares / consumable items supplied or job done outside the contract by us to be paid fully in advance.

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4. Technical Specification

DISCRIPCTION	DETAILS	REMARK
APPLICATION		
RATING (KVA)		
VOLTAGE (HV)		
VOLTAGE (LV)		
NO. OF PHASES		
FREQUENCY (HZ)		
VECTOR GROUP		
TAPPING MODE		
TAPPING RANGE		
IMPEDANCE (%) (is TOL)		
TERMINATION (HV)		
TERMINATION (LV)		
COOLING		
TYPE OF WINDONG		
NO. OF RADIATORS		
QUANTITY OF OIL(Ltr.)		
QUANTITY OF OIL OLTC (Ltr.)		
NAME OF MANUFACTURER		
MAKERS SERIAL NUMBER		
YEAR OF MANUFACTURE		
DETAILS OF PROBLAME IF ANY		

Ref. No. :

Date :
