

FORM F.10 COMMISSIONING FORM - 3 PHASE TRANSFORMER

| | | |
|--------------------|--------------------|----------------------|
| Test Date - _____ | Location- _____ | Type - _____ |
| Year of Man. _____ | Company # _____ | Year - _____ |
| Rated KV - _____ | Manufacturer _____ | _____ |
| Rated Amps _____ | Serial # - _____ | Total Wt. - _____ |
| Rated KVA - _____ | Catalog # - _____ | Oil quantity - _____ |

| Ratio Test | | | | | | | | | | | | | | |
|--------------|------------------|-------------|--------------------|--------|------------|-----------|--------------------|--------|------------|-----------|--------------------|--------|------------|-----------|
| Tap Position | Name Plate Volts | Calc. Ratio | H1 - H0 X1 - X0 | % Dev. | Phase Dev. | Exc. (ma) | H2 - H0 X2 - X0 | % Dev. | Phase Dev. | Exc. (ma) | H3 - H0 X3 - X0 | % Dev. | Phase Dev. | Exc. (ma) |
| 1 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |

| Cap. And Diss. Overall Test | | | | | | |
|-----------------------------|-------------|------------|------------|-------------|-------|--------|
| Capacitance | | | | Dissipation | | |
| Pos. | Capacitance | Multiplier | Calculated | Dial | Scale | Actual |
| CH-L | | | | | | |
| CH-G | | | | | | |
| CH-L | | | | | | |

| Megger | | |
|--------------------|-----------|-----------|
| Readings in G-ohms | | |
| Time | H to XGnd | X to HGnd |
| | Volts= | Volts= |
| 15 sec | | |
| 30 sec | | |
| 45 sec | | |
| 1 min | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |
| P.I index | | |

| Oil Test | |
|----------|--|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| Total | |
| AVG. | |

| Transformer Ohmmeter | | | |
|----------------------|---------------------|-------|-------|
| Tap Position | Test Tap = H1-H0 | H2-H0 | H3-H0 |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| Test tap= Secondary | X1-X0 | X2-X0 | X3-X0 |

Comments: _____
