

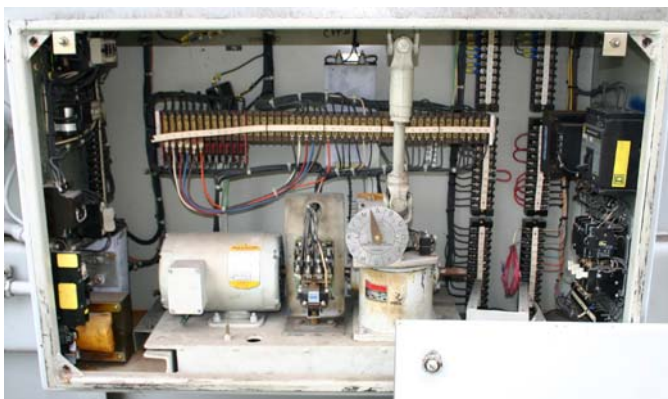


STEEL EQUIPMENT CORPORATION

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www.steelequip.com e-mail: steelequip@pgh.net



15MVA McGraw Edison EAF Transformers for Sale
Voltage: 13,800V Primary, 305v Secondary, 60 HZ
Class: FOW
Weight: 65,000#
Dimensions: 178.5" high x 123" long x 96" wide
Quantity: 3 Transformers Available - 1 was rewind 2005, 2 are as removed from service
Contact Dev Lemster for pricing.



over for nameplate drawing>>>>>



THREE PHASE FURNACE TRANSFORMER

VOLTAGE RATING 13800 - 305

HIGH VOLTAGE B.I.L. - 110 KV

SERIAL NO. C-16896-1-1

CLASS FOW

15000/16800 KVA

FULL LOAD CONTINUOUSLY 55°/65°C RISE-
WITH 70 GALS. OF 25°C COOLING WATER PER MINUTE
IMPEDANCE % , 13800-305 VOLTS AT 15000 KVA.

LOW VOLTAGE	AMPS 16800 KVA	TAP CHANGER POSITION	CONNECTS ON EACH PHASE
305.0	31800	A	8 TO 6
285.0	34000	B	8 TO 5
270.0		C	8 TO 4
250.0		D	8 TO 3
230.0		E	8 TO 2
210.0		F	8 TO 1
176.1	31800	G	8 TO 6
164.5	34000	H	8 TO 5
155.9		J	8 TO 4
144.3		K	8 TO 3
132.8		L	8 TO 2
121.2		M	8 TO 1

TAP CHANGER POSITIONS A THROUGH F - HIGH VOLTAGE DELTA
TAP CHANGER POSITIONS G THROUGH M - HIGH VOLTAGE WYE
FULL CAPACITY AT 305 AND 285 VOLTS ONLY.
CAUTION! TAP CHANGER FOR DE-ENERGIZED OPERATION ONLY!

LIQUID LEVEL BELOW TOP SURFACE OF HIGHEST POINT OF MANHOLE FLANGE AT 25°C IS 6.937 INCHES (+ 0.3")

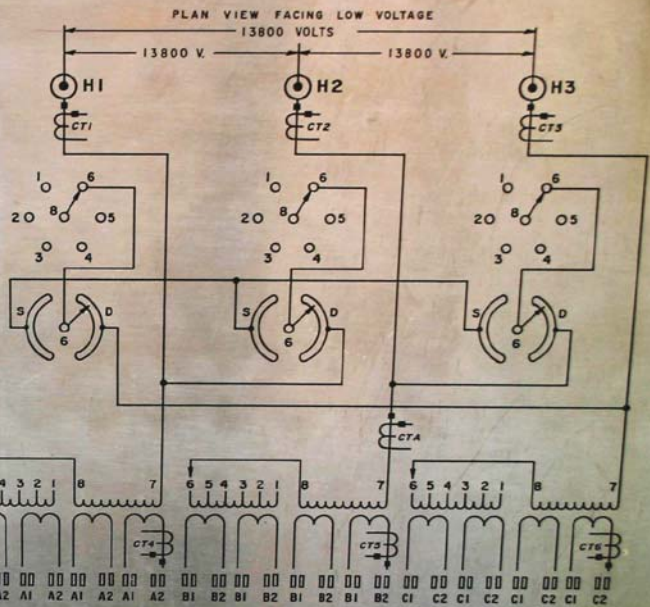
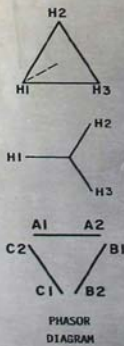
LIQUID LEVEL CHANGE PER 10°C CHANGE IN AVERAGE LIQUID TEMPERATURE IS 0.643 INCHES.

TRANSFORMER IS FILLED WITH MINERAL OIL.

FOR CONNECTION OF ACCESSORY DEVICES SEE DRAWINGS - C20471842 (McGRAM-EDISON) AND 036666 (MAGNETEK).

BEFORE INSTALLING OR OPERATING READ McGRAM-EDISON INSTRUCTION BOOK.

ALL WINDINGS COPPER



MAXIMUM CURRENT RATING OF EACH LOW VOLTAGE SECTION - 4375/4900 AMPERES.
CONNECT THE FOUR LOW VOLTAGE SECTIONS IN PARALLEL.
CONNECT THE LOW VOLTAGE PHASES IN DELTA.

CURRENT TRANSFORMERS
C.T.'s 1, 2, 3 are 600:5 AMP - METERING
C.T.'s 4, 5, 6 are 5491:3:2, 88 AMP
(EFFECTIVE RATIO 38000:5 AMPS OVERALL)
C.T.A. IS 405:5 AMP, WINDING TEMP., EQUIP.

ORIGINAL MANUFACTURER INFORMATION
MFG. - McGRAM-EDISON
POWER SYSTEMS DIVISION
CANONSBURG, PA. 15317 USA
NAMEPLATE NO. 8PC471841
SPEC. 11161 - B

APPROXIMATE WEIGHTS IN POUNDS

CORE AND COILS	38900
TANK AND FITTINGS	8400
TYPE 880T MOTC MECHANISM	1800
OIL (MAIN TANK AND COOLER)	16150
2155 GALLONS	
OIL (MOTC COMPARTMENT)	1400
190 GALLONS	
TOTAL	55000
UNTANKING WEIGHT (HEAVIEST PIECE)	40000

MAGNETEK
CANTONVILLE, OHIO 44641

MOTJN 20 0110 1988