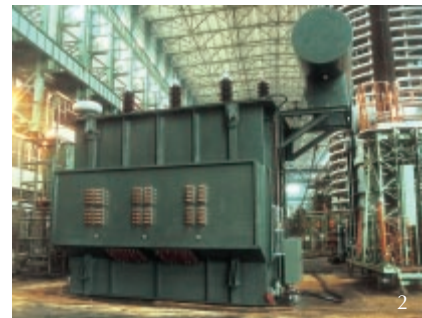


RECTIFIER TRANSFORMER



1. ZHSFPT-12.6 MVA/72.5kV rectifier transformer (Canada)
2. ZHS-47.3 MVA/110 kV rectifier transformer(cooperating with EB-NT Company, Norway)
3. ZHSTB-37.7 MVA/110kV direct-drop rectifier transformer(co-operation with GEC ALSTHOM, FRANCE)
4. ZHSFPTB-88 MVA/220kV rectifier transformer
5. ZHSFPTB-110 MVA/220kV rectifier transformer group with on-load changer for Qingtongxia Aluminium Plant



XD has long history to manufacture rectifier transformer with advanced technique, various specifications, and stable and reliable quality. Early in 1970s, the company firstly manufactured the large direct-drop rectifier transformer to fill the blank in the field in China. In 1980s, XD cooperated with many famous manufacturers at abroad and absorbed the advanced technology and technique widely. It produced the high quality of the products reaching to the international advanced level for the customers both at home and at abroad. In 1996, the first set of 220 kV direct-drop rectifier transformer in China, which was made by XD, was put into operation successfully at Yunnan Aluminum Plant, and the technical performance and the reliability of the product can be competed with those of foreign advanced products of the same kind.

Specification of Large Rectifier Transformer

Type	Rated capacity (MVA)	DC voltage (V)	DC current (A)	Number of impulse wave	Rectifier type	Number of unit per group
ZHSFPTB-110 MVA/220 kV	110	1220	2 × 37000	12	Three-phase bridge type rectifier	4
ZHSTPB-88 MVA/220 kV	89.3	1180	2 × 33000	12		6
ZHSFPTB-86 MVA/220 kV	80.84	920	2 × 37500	12		4
ZHSFPTB-70.5 MVA/220kV	70.5	880	2 × 34000	12		4
ZHSFPT-12.6 MVA/66 kV	12.6 60HZ	80-300	2 × 50000	12		1
ZHSTB-90 MVA/110 kV	45.23	920	40000	12		4
ZHSTB-50 MVA/35 kV	24.04	315	63000	12		1
ZHST-80 MVA/110kV	37.5	920	34000	12		3
ZHST-70 MVA/110 kV	33.9	800	36000	12		3
ZHST-40 MVA/35 kV	20.2	800	22000	12		2
ZHST-25 MVA/35 kV	11.8	420	24000	12		3
ZHSSPTKB-13.7 MVA/35 kV	14.2/19.296	225	55000	12		Dual WYE adverse rectifier
ZHSSPTKB-13.6 MVA/35 kV	13.6/19.05	210	55000	12	1	
ZHSSPTKB-13 MVA/35 kV	13/18.146	200	55000	12	1	
ZHSTK-31.5 MVA/110 kV	12.85/18.1	300	36000	6	3	
ZHSSPK-12.5 MVA/35 kV	11.54/16.35	400	25000	6	1	
ZHSTK-10 MVA/35 kV	3.6/5.5	120	25000	6	1	

