

Test report		TISS Tap changers	Total:2pages The 1 st page	
		Test object type: WDP 30/15-6 × 5		
Test result:				
No	Test items	Specified values	Measured Values	conclusions
		Standards (technical contact)		
1	Measurement of contactor pressure	Contact pressure(N): <40	A positive : 30~32 Contrain:32~34	PASSED
2	Measurement of rotational moment	rotational moment	8.5~8.8	PASSED
3	Dielectric test	Lightning impulse voltage	42kv 60s 10kv	PASSED
		Separate source AC with stand voltage: winding to earth:38KV, 60s,inter phase and inter contactor:10kv 60s:		
4	Leakage test	90 ± 10() in oil Applied pressure (kpa):60 Duration(h):24 No leakage	No leakage	PASSED
5	Mechanical endurance test	No less than 75 oil temperature 2000times;at lower temperature 2000times	85 ~95 in oil 2500times, 70 ~75 in oil 2500times,	PASSED
6	Short-circuit current test	Test times:3 times Rated short time thermal current(KA):0.75 ± 10, rated dynamic current(KA):1.85 ± 5%,duration(s):2.0 ± 10%	3times,0.75~0.76 1.85~1.86 2.02~	PASSED
7	Temp-rise test	Temp-rise limit of contact(K) <20	Temp-rise of contact 16.2	PASSED

Test report		Liaoning Electric Power Electrical Appliance Co.,LTD	Total:2pages The 2 nd page	
8	Lightning impulse Test	Rated lightning impulse endure voltage:95KV	95KV	PASSED
<p>1. sample parameters the class of rated voltage:15KV rated current:30A the scope of voltage adjustment: $\pm 2*5\%$ the number of tapping heads phases number: single rated frequency:50HZ tapping position: central</p> <p>2. standards IEC 61378-2:2001<non-excitation tap – changer> Technical service contract Testing item and result</p> <p>3.1 insulated endure test 3.1.1 lightning impulse endure voltage test The date of testing: Sep 15,2011</p>				
Applied terminal		Full voltage(KV)		
To earth		95		
<p>TEST SRQUENCE: One reduced negative and positive polarity full wave impulse, Three rated negative polarity full wave impulse</p>				