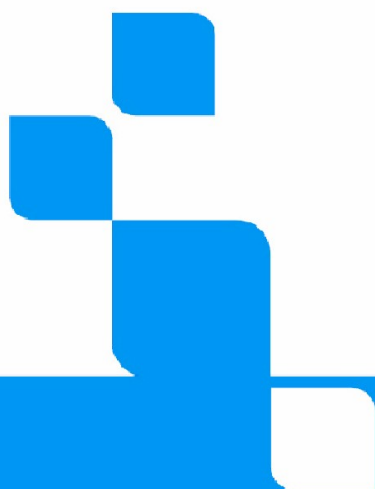


ZXONE 8000 Installation Acceptance Report



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Revision History

Product Version	Document Version	Serial Number	Reason for Revision
	R1.0		First published

Author

Date	Document Version	Prepared by	Reviewed by	Approved by
2010-11-20	R1.0	Wang Jian		

Applicable to: Equipment installation supervisor, Equipment installation engineer, Equipment commissioning engineer

Proposal: Before reading this document, you had better have the following knowledge and skills.

SEQ	Knowledge and skills	Reference material
1		
2		
3		

Follow-up document: After reading this document, you may need the following information

SEQ	Reference material	Information
1		
2		
3		

About This Document

Summary

Chapter	Description
1 About This Manual	Preview of this manual.
2 Organization of Project Acceptance	All the organizations who attend in the hardware acceptance test.
3 Items for Hardware Acceptance	Indexes of hardware acceptance test.
4 Acceptance Conclusion	The conclusion of installation acceptance test.

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1 About This Manual

This *OTN Product Installation Acceptance Report* is edited based on the relevant standards of the Ministry of Information Industry as well as the actual conditions of the OTN product, which is applicable for hardware installation acceptance of the OTN product.

2 Organization of Project Acceptance

User		Project Name	
Commencement date		Completion date	
User's personnel	Person in charge: Participants:		
ZTE's personnel	Person in charge: Participants:		
Supervisor's personnel	Person in charge: Participants:		
Constructor's personnel	Person in charge: Participants:		
Remarks			

3 Items for Hardware Acceptance

Item	Contents and Standard	Result	Conclusion	Remarks
Acceptance check for rack installation	The cabinet should be installed in a place as required by the design and engineering drawings (or the user).		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The maintenance space in front of the cabinet front face and back should be more than 0.8 m.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The racks should be installed properly and firmly. The horizontal and vertical deviation should not be greater than 1‰ of the rack height.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Racks in the same row should be closely put together with the space between two racks not greater than 3 mm. The front sides of racks in the same row should be kept in alignment without obvious disorder.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	No part of the cabinet falls off or gets damaged or missing. The paint should be in good condition. Signs on the cabinet should be correct, clear and complete.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The racks should be fastened to the ground with expansion bolts. The top of the racks should be fixed to the upper beam of column troughs (column aisle) with clamps.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	All the fasteners should be tightened. The exposed length of the same type of screws should be identical.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	

Item	Contents and Standard	Result	Conclusion	Remarks
	The shockproof measures of the equipment should meet the related requirements for communication equipment of the Ministry of Posts and Telecommunications. The fixing mode should meet requirements of the construction design drawing (or the user).		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
Acceptance check for sub-rack installation	The sub-racks and racks should be reinforced in compliance with the equipment assembly requirements.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The sub-racks should be firmly installed and properly arranged with their connectors in good contact.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The alarm box should be firmly installed with connectors in good contact.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The cables inside the equipment should be properly connected with connectors in good contact.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
Acceptance check for NM installation	The maintenance console should be installed as required by the construction design drawing (or the user).		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The NM equipment should be installed as required by the design and engineering drawings (or the user).		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
Laying of power supply cables	The power cables and ground cables should be installed properly and firmly in good contact and in good order.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
Laying of optical fibers	The fiber connection lines should be routed as required by the design and engineering drawings (or the user).		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Redundant length of fiber connection lines at both ends should be identical and compliant with the technical requirements.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	

Item	Contents and Standard	Result	Conclusion	Remarks
	The bending radius of the fiber connection lines inside the troughs at the turning points should be not less than 38 ~ 40 mm.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Fiber connection lines should be protected with tubes or troughs. The parts without tubes should be bound with proper force with cable ties.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The bundled fiber connection lines should be straight without evident twists in troughs.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
Laying of cables	The route and direction of cables should comply with the design.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The cables in the aisle must be bound. The bundled cables should be tightly against each with straight appearance.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The cables and jumpers should be arranged straightly, bundled tightly in proper tightness.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The turnings of cables should be even and smooth, and the parts other than curves should be kept vertical or in line.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	Both ends of inter-rack cables and cabling must be clearly labeled without wrong or missing connection.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The remained parts of coaxial cables should be identical in length, and the peeled size of each layer of a coaxial cable should match the corresponding part of the cable connector.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The cores should be soldered properly and firmly with a proper amount of solder. The soldered points should be smooth without any lump and sharp point.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	

Item	Contents and Standard	Result	Conclusion	Remarks
	When coaxial cable connectors are assembled, the fittings should be complete, located properly and mounted firmly.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	RJ45 connectors of network cables should be in proper line sequence. These connectors should be in good contact with the conductors.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The lengths of sections peeled off at the shielded cables should be identical, and these sections should be in good contact with the external conductors of coaxial connection terminals.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	
	The length of heat shrink tubes used to protect the sections peeled off should be identical and moderate with even heat shrinkage.		<input type="checkbox"/> Pass <input type="checkbox"/> Fail	

4 Acceptance Conclusion

User's representative	Signature: Dated:
ZTE's representative	Signature: Dated:
Supervisor's representative	Signature: Dated:
Constructor's representative	Signature: Dated: