5.6 QUALITY SURVEILLANCE REQUIREMENTS

COMMODITY TITLE CCTV Systems		BASIC COMMODITY CODE: EEC0	QS LEVEL 2
TAG No.	**EQUIPMENT TITLE**	**TAG No.**	**EQUIPMENT TITLE**
ALL	*	**ALL**	*

H = Hold W = Witness IP = In-Process

No.	ACTIVITY	H	W	IP	NOTES
1.	**Initial Visit / Pre-Fabrication** Address all attributes required by GSQ-221 IV Initial Visit form Section VI and stress the following. A. Correlate the procurement documents held by the Supplier vs. the SQ Assignment Package and review purchase order specifications, data sheets, project special instructions and PO Section 2, Technical Notes. B. Review document submittal requirements, engineering review levels, and specified quality level. C. Review and Confirm witness and hold points. D. Advise supplier of notification requirements for witness and hold points. E. Review the requirements for quality surveillance and principal sub-suppliers facilities. Obtain sub-suppliers names, location, contact, and telephone number with un-priced copies of sub-supplier purchase orders. F. Discuss sub-assembly and component manufacturing and review final assembly locations. Identify any items shipping to site directly from sub-tier or alternative locations. G. Review Supplier "Safety" requirements for office and manufacturing areas that the SQR must abide. H. Review the purpose of the Bechtel "Supplier Performance Database" (SPD) application tool. I. Review the requirements for qualification of special process personnel and inspection &/or test personnel. J. Review the requirements for complete, accurate, traceable and Supplier pre-reviewed Quality Verification Documentation in accordance with Project submittal requirements. K. Review the requirements for Project engineering written approval of deviations to the PO contract requirements.	X			**Notify project 15 days in advance for possible Project personnel attendance.** SQ-221, Initial Visit Report content is required and generated by the SQR.
2.	**Factory Acceptance Test/ Materials & Pars Verification** A. Witness FAT B. Perform hardware & software verification in conjunction with Engineering as part of the FAT. Compile punch lists for all open issues and provide lists to manufacturer for resolution and correction. C. Coordinate with Engineering to ensure that hardware issues are documented for resolution.	X			Requirements per reviewed drawings, data sheets, specifications and applicable design codes and standards.
3.	**Final Inspections** A. Perform final visual inspection for workmanship, markings, tagging, and cleanliness. Verify all punch list	X			

Revision:	Inspection Plan:		Assignment Number:
Rev Date:	Prepared By:		Approved by Engineer:

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	markings, tagging, and cleanliness. Verify all punch list items have been resolved through correction or written acceptance by teh Project. B. Verify Bechtel Engineering review of required documents C. Verify resolution of all open issues/ non-conformances D. Review packing and preparation for shipment, including identification of packaging to ship loose items.				
4.	**Quality Verification Documentation Review** Verify that complete Quality Verification Documentation package has been reviewed.	X		Review of documentation should be completed as early as possible through progressive (In-process) review. Verify documentation required by G-321-V is complete, correct, and legible.	
5.	**Release for Shipment** Notify Project Supplier Quality Group of release.	X		SQ-231 Release Form required.	

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