

## Procurement Engineering Standard Purchase Clause

<b>Code:</b>	<b>EQ KIN CGD Q</b>		
<b>Title:</b>	<b>EQIR FOR KINECTRICS EQ ITEMS AND COMMERCIAL GRADE DEDICATED ITEMS</b>	<b>R008</b>	
<b>Applicable to:</b>	Safety Related and EQ Items and spares parts		

### 1.0 SOURCE INSPECTION:

Source Inspection requirements should be determined based on criteria identified in OPG Nuclear Procedure: N-PROC-MM-0021, titled: Supply Inspection

### 2.0 RECEIVING INSPECTION:

<b>Critical Characteristic</b>	<b>Test/Inspection Description Task Required</b>	<b>Acceptance Value</b>	<b>Sample / Size Acceptance</b>
OEM verification	Verify that Original Equipment Manufacturer (OEM) is listed in corresponding EQPR clause: EQ KIN CGD B	OEM shall be listed in section 1 of the EQPR clause for Kinectrics: EQ KIN CGD B. This will ensure that Sustaining EQ Program organization is aware and EQ documentation is updated to indicate third-party dedication by Kinectrics.	Each order  <b>Acceptance Initial:</b> _____
Company QA program verification	Verify Kinectrics Quality Assurance Program certification as audited by OPG.  Verify that Kinectrics is on OPG's Accepted Supplier List (ASL) for the item being purchased.	Verify audit is current.  No outstanding relevant issues.	Check once each year.
ITP Verification	This verification is only for instances where Kinectrics is the <b>manufacturer</b> of the item(s).  Verify the presence of an Inspection and Test plan.  An I&TP submission to OPG for acceptance is not needed for 3 <sup>rd</sup> party dedication (CGD) activities.	A copy of the completed I&TP signed by the authorized QA representative as a minimum, shall be submitted to OPG with the shipment.  OPG review and acceptance of the I&TP prior to initiating the work is required only when the "Inspection and Test Plan Submission Requirement" clause "QA-I&TP" is specified elsewhere in the OPG Contract P.O. This includes the situation for initial procurement of new items not previously manufactured and supplied to OPG.	Each order (as applicable)  <b>Acceptance Initial:</b> _____
Commercial Dedication Plan (CGD) Verification	This verification is only for instances where Kinectrics performs <b>3<sup>rd</sup> party dedication (CGD) activities</b> .  Dedication Plan Verification has been submitted and accepted by the appropriate OPG Engineer.	One of: <ul style="list-style-type: none"> <li>• Copy of OPG accepted CGD Plan</li> <li>• Reference to previously OPG accepted CGD Plan verification in correspondence or documentation.</li> </ul>	Indicate name of OPG Engineer who accepted the plan, and the date of the acceptance.  _____  <b>Acceptance Initial:</b> _____

## Procurement Engineering Standard Purchase Clause

<b>Code:</b>	<b>EQ KIN CGD Q</b>		
<b>Title:</b>	<b>EQIR FOR KINECTRICS EQ ITEMS AND COMMERCIAL GRADE DEDICATED ITEMS</b>	<b>R008</b>	
<b>Applicable to:</b>	Safety Related and EQ Items and spares parts		

<b>Critical Characteristic</b>	<b>Test/Inspection Description Task Required</b>	<b>Acceptance Value</b>	<b>Sample / Size Acceptance</b>
Certification to Accompany Shipment	Verify that a Certificate (C of C) accompanies the shipment.	Documentation is complete and meets the certification requirement of corresponding EQPR: EQ KIN CGD B, section related to item's certification, incompliance with OPG PO and also should include where required by the corresponding OPG Technical Specification: <ul style="list-style-type: none"> <li>▪ Certified Metallurgical Test Report</li> <li>▪ Registration (CRN)</li> <li>▪ Production tests such as: Pneumatic Pressure Test, Helium Gas Leak Rate Test, LPE</li> <li>▪ Hydrostatic shell/seat tests</li> </ul>	Check at every shipment. <b>Acceptance Initial:</b> _____
Item and documents accompanying the shipment conformity	Verify that the documents accompanying the shipped item are conforming to the shipped item.	The accompanying document must refer to the accompanied item.	Each Order <b>Acceptance Initial:</b> _____
Packaging conformity and integrity	Verify the item packaging conformity with the related EQPR requirements. Verify the item packaging for eventually damages during the shipment.	The item packaging must be as required per corresponding EQPR: EQ KIN CGD B, section related to packaging. It also must be without apparent damage. Any deviation is to be recorded and PE to be contacted for disposition.	Each Order <b>Acceptance Initial:</b> _____
Item integrity	Verify the integrity of the item.	The shipped item must be without apparent damage. Any sign of a minor damage due to the shipping is to be reported.	Each Order <b>Acceptance Initial:</b> _____
Physical and performance characteristics	Verify that the item's model and technical performances as well as physical characteristics match the data from the primary controlled documents, PO item description and C of C.	The model numbers and technical performances as well as physical characteristics must be identical to those shown in the primary controlled documents, PO item description and C of C. Any deviation is to be recorded and PE to be contacted for disposition.	As per PO receipt line item. <b>Acceptance Initial:</b> _____
Correct EQ critical components used in construction of the item.	Verify that the EQ critical age-sensitive materials included in the C of C corresponds to those shown in the primary controlled documents and/or OPG PO item description.	Exact same the EQ critical age-sensitive materials.	Check at every shipment. <b>Acceptance Initial:</b> _____

## Procurement Engineering Standard Purchase Clause

<b>Code:</b>	<b>EQ KIN CGD Q</b>		
<b>Title:</b>	<b>EQIR FOR KINECTRICS EQ ITEMS AND COMMERCIAL GRADE DEDICATED ITEMS</b>		<b>R008</b>
<b>Applicable to:</b>	Safety Related and EQ Items and spares parts		

<b>Critical Characteristic</b>	<b>Test/Inspection Description Task Required</b>	<b>Acceptance Value</b>	<b>Sample / Size Acceptance</b>
Material traceability verification	Verify that the manufacturer assigned to each product or batch a unique identification/ unique identifier such as serial number, date code, batch code to distinguish apparently identical products.	As required by the associated EQPR: EQ KIN CGD B, section related to QA and marking of the items.	Every line item on the PO. <b>Acceptance Initial:</b> _____
Item Marking/Tagging	Verify the item's marking/ tagging existence and if the included information is complete. Verify the marking/ tagging conformity with the accompanying documents.	The item's Tagging shall be as per EQPR: EQ KIN CGD B. Any deviation is to be recorded and PE to be contacted for disposition.	Each Order <b>Acceptance Initial:</b> _____
Registration with an Authorized Inspection Agency (AIA) (for Pressure Retaining Items only)	Verify that CRN number is provided with the C of C and in accordance with OPG technical specification referenced in PO.	If no CRN number is provided with the shipment, quarantine material and contact supplier to obtain CRN number.	As per PO receipt line item. <b>Acceptance Initial:</b> _____
Electrical Safety Approval (for Electrical Items only)	Verify electrical safety certification agency's approval symbol/ sticker on each item in accordance with OPG Design specification referenced in PO.	Quarantine material and contact supplier if any deviation.	Electrical items per PO receipt line item. <b>Acceptance Initial:</b> _____
Shelf Life	Shelf life data is marked on the packaging.	If the shelf life is unavailable or very conservative, then determine the shelf life in accordance with the OPG "Shelf Life Requirements" standard: N-STM-03651.03-10000, Appendix A. This table is based on EPRI Guidelines for Establishing, Maintaining, and Extending the Shelf Life Capability of Limited Life Items (Report NP-6408, Table B1).  Inspector shall accept the item if the remaining shelf life is less than 70% of the available shelf life without prior written consent.	Check at every shipment. <b>Acceptance Initial:</b> _____

## Procurement Engineering Standard Purchase Clause

<b>Code:</b>	<b>EQ KIN CGD Q</b>		
<b>Title:</b>	<b>EQIR FOR KINECTRICS EQ ITEMS AND COMMERCIAL GRADE DEDICATED ITEMS</b>		<b>R008</b>
<b>Applicable to:</b>	Safety Related and EQ Items and spares parts		

<b>Critical Characteristic</b>	<b>Test/Inspection Description Task Required</b>	<b>Acceptance Value</b>	<b>Sample / Size Acceptance</b>
Re-packaging of the item <i><b>Note:</b> this activity is not within the control of the supplier</i>	The re-packing shall provide assurance that the item is stored in a way that its characteristics will not be impaired while on the shelf and with its label indicating shelf life visible and it is protected for level B storage.	Per the related EQPR: EQ KIN CGD B, section related to item's packaging.	Check at every shipment.  <b>Acceptance Initial:</b> _____

<b>Receiving Inspector:</b>	
Name:	PO Number:
Employee Number:	Line Item Number(s):
Date:	Catalogue Identification Number(s):