

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED**

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**INSPECTION CERTIFICATE OF X-OVER Pulsar # ZP16-01**

<b>Client Name:</b>	ZPEC	<b>Report No.:</b>	QC-B-02-25-0050-01
<b>Acceptance Criteria:</b>	<input checked="" type="checkbox"/> <b>API SPEC 7-2</b>	<b>Date of Inspection:</b>	13.02.2025
<b>Work Location:</b>	ABERDEEN WORK SHOP BASRA IRAQ	<b>Rig No.:</b>	ZP-016DD
<b>TEST EQUIPMENT &amp; CONSUMABLE DETAILS</b>			
WHITE CONTRAST WCP-2	Batch #: 220602 Manufacture: Magnaflux Exp Date: JUN,2026	TECHNICAL DETAILS	Wet Visible Continuous
BLACK INK 7HF	Batch#: 220605 Manufacture: Magnaflux Exp Date: JULY.2026	COIL(1200 AMP-TURNS/IN	SC 22713 Cal.15.Jan.2025 Cal Due 14.July.2025
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2026	A.C HAND YOKE	201504053 Cal.15.Jan.2025 Cal Due 14.July.2025
INTENSITY METER	SR#1608000134 CAL.Date Cal. 15.Jan.2025 Cal Due 14.July.2025	UV BLACK LIGHT	SR#1900084 Cal.15.Jan.2025 Cal Due 14.July.2025
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 Cal. 13.Jan.2025 Cal Due 12.July.2025	THREAD PROFILE GAGE	SR#21336 Cal. 13.Jan.2025 Cal Due 12.July.2025 SR#21335 Cal. 15. Jan.2025 Cal Due 14.July.2025
Magnetic Partical Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	3450Lux
Magnetic particle concentration flourcent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	3000 µw/cm <sup>2</sup>
Magnetism Direction (Longitudinal)			
<b>METHODOLOGY:</b>	<ul style="list-style-type: none"> <li>Through Visual inspection</li> <li>3Dimensional</li> <li>MPI inspection with Ultraviolet light</li> </ul>		

Serial No.	Description	Connection		Result Inspection			3Dimensional- Inspection																	
		Pin	Box	Pin	Box	Body	Pin						Box						Body					
							OD(In)	ID(In)	SRG D(In)	SRG W(In)	Pin(In)	Bevel(In)	OD(In)	CB(In)	CB(In)	BBD(In)	BBL(In)	Bevel(In)	Tongspace (In)	Box Lth (In)	Overall (In)			
ZP16-01	Pulsar		7 5/8 REG		Acc.											9"	7 1/16"	5/8"	--	--	8 1/2"	---	---	37 3/4"
<b>Conclusion :</b>		<b>*01 X-OVER above was found "Acceptable". At the time of Inspection (Ready for Use).</b>																						

<b>OD</b> Outside Diameter	<b>ID</b> Inside Diameter	<b>SRG</b> Stress Relief Groove	<b>CB</b> Counter Bore	<b>BB</b> Bore Back	<b>FB</b> Float Bore	
<b>EGR</b> Elevator Groove Recess	<b>SGR</b> Slip Groove Recess	<b>CR</b> Crack	<b>B</b> Bent	<b>PC</b> Premium Class	<b>RF</b> Reface	
<b>GT</b> Galled Thread	<b>TP</b> Thread Pitting	<b>SP</b> Seal Pitting	<b>TD</b> Thread	<b>SD</b> Seal Damage	<b>M</b> Mashed	
<b>1</b> 100 % Coating	<b>2</b> 99-71 % Coating	<b>3</b> 70-40 % Coating	<b>4</b> Up to 40 %	<b>5</b> Nil	<b>WT</b> Wall Thickness	
<b>Colors Code:</b>		<b>White</b> No Defects	<b>Red</b> Crack or Extreme	<b>Blue</b> Damage	<b>Green</b> Seal Damage	<b>Yellow</b> ACFM

<b>Inspector Name:</b>	Mohammed Magdy	<b>Review By</b>					
<b>Qualification:</b>	ASNT Level II (MT-PT) 9711	<b>Senior Inspector:</b>	M.SARWAR	<b>Supervisor:</b>	Ahmed Mohammed	<b>Customer Name:</b>	
<b>Signature:</b>						<b>Customer Signature:</b>	
Original - Client Files		Copy - Area Office		QC/FN/DJ-PB/029 Rev.00 dated 07.Nov2021			

