



MOD-C59M RevC

HYDRAULIC PERFORMANCE TEST REPORT

Serial number 400298																		
Date 21/02/2025																		
Pump type	10LMS230/2		Capacity [m³/h]	200	Head [m]	50	Pr [kW]	44.2	P.eff. (%)	78.88	NPSHr (m)	7.80	RPM	2500				
Motor type	9RS75I		Matr.	400298	Hz	50	kW	55	Hz	50	Poles	2						
Model			Volts	400	Hz	50	Amp	106.2	Eff (%)	87	Cos φ	0.87						
Customer	GAZI INTERNATIONAL Project / Order number A2414702 del 12/12/2024																	
RPM	Ha bar	Hm bar	E m.	Din. m.	Htot	Q m³/h	Q l/s	deliv. Pump kW	Hz	Volts	Amp	Cos φ	Abs.kW	kW pump	Tot.Eff	Mot. Eff	Pump Eff	Npsh m
2900		4.8		0.80	49.76	262.2	70.0	34.2	50.0	404.0	90.8	0.870	55.2	46.98	67.59	87.00	77.81	
2900		5.3		0.65	54.71	228.0	63.3	34.0	50.0	404.0	89.6	0.870	54.5	46.31	66.17	87.00	78.36	
2900		5.8		0.51	60.08	201.8	56.1	33.0	50.0	404.0	87.6	0.870	53.3	45.31	65.62	87.00	78.68	
2900		6.6		0.32	67.64	160.6	44.6	29.6	50.0	404.1	84.8	0.870	51.6	43.83	63.94	87.00	73.50	
2900		7.3		0.17	74.83	116.1	32.3	23.6	50.0	404.2	79.2	0.870	48.2	40.93	60.58	87.00	56.64	
Ha bar	Suction head																	
Hm bar	Manometric head																	
E m	Rising between manometer and vacuumeter																	
Din m.	Dynamic head																	
H tot	Total head																	
Q m³/h	Flow																	
Delivery Pump kW	kW returns of the pump																	
Abs kW	kW absorbed at the motor terminals																	
kW pump	Absorbed kW of the pump																	
Informazioni aggiuntive - Additional info																		
PENTAX S.P.A. Via dell'Industria 1 - 37040 (VERONA) (VR) Cod. Fisc. n° 016 0260740275 - Cod. SPANUTVEUA Sede legale: Via S. Leonardo 12 - 37024 (VERONA) (VR)																		
SGS ITALIA S.p.A.																		
Missed																		
Review																		
Noted for information only																		
Date																		
21/02/25																		
SGS																		

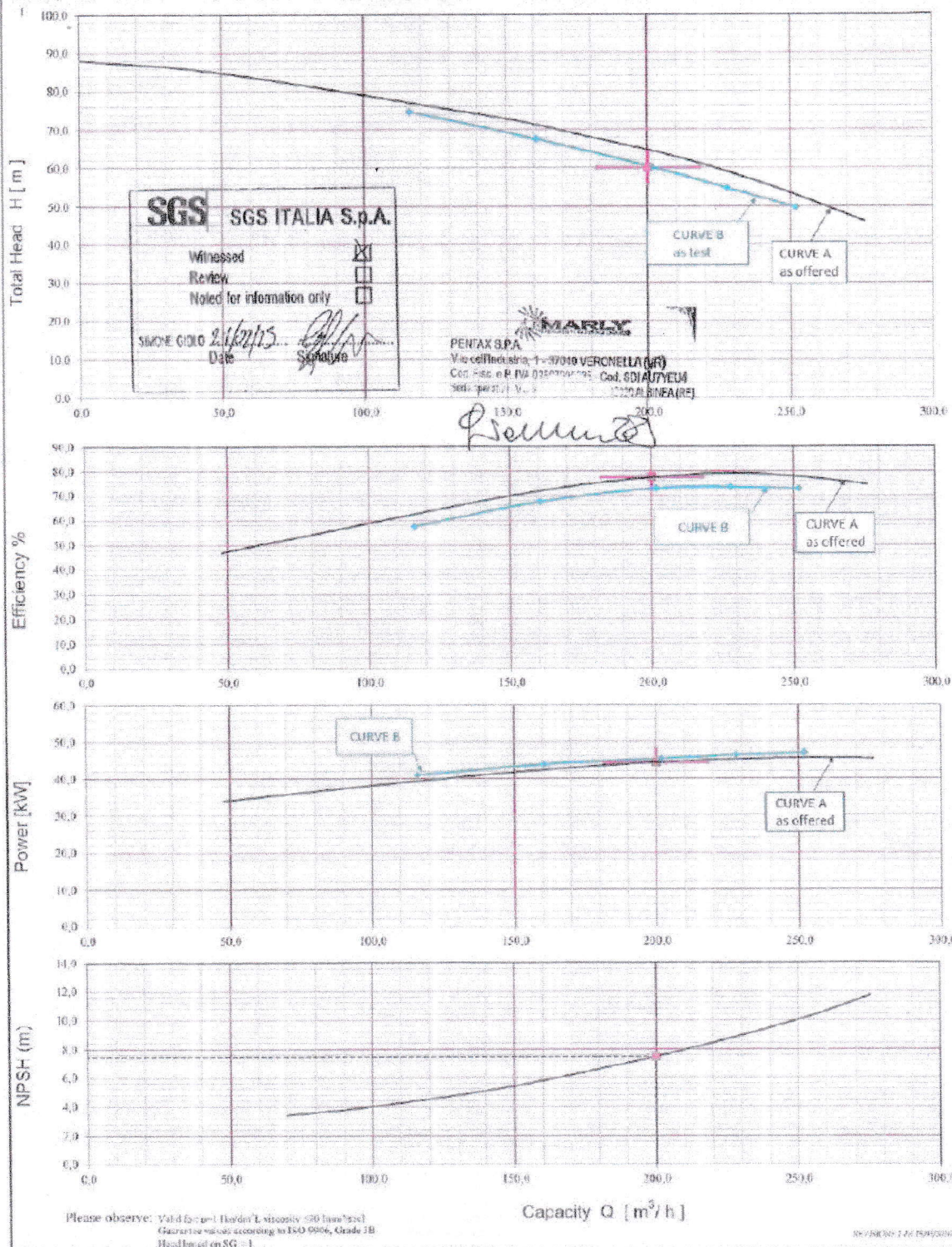


PERFORMANCE CURVES

Pump type: 10LMS230/2
Motor type: KW 55

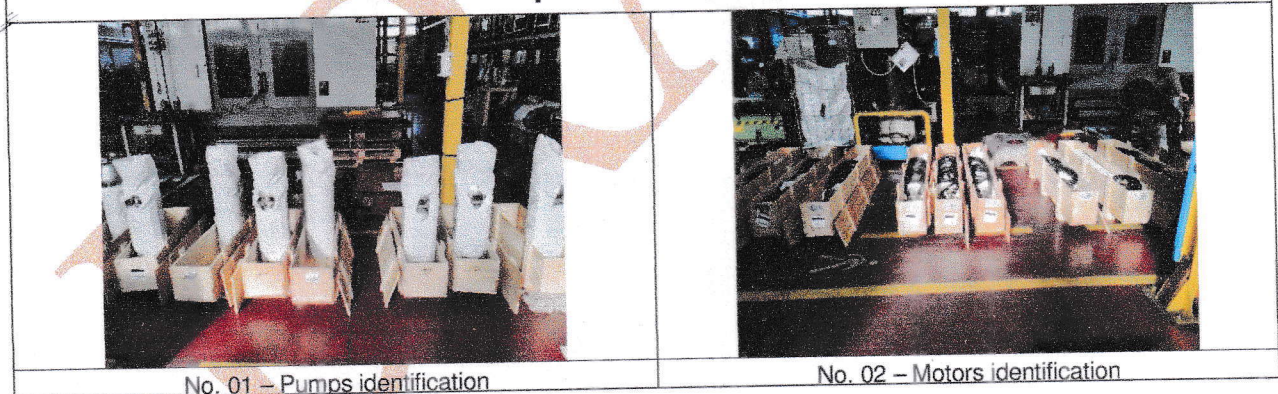
Matricola N° 400298
Date: 21/02/2025

A: Q (m³/h) 200 - H (m.) 60 - Power [kW] 44,27 - Efficiency % 78,47 - NPSHr (m.) 7,46 - RPM 2900
B: Q (m³/h) 201,8 - H (m.) 60,1 - Power [kW] 45,3 - Efficiency % 78,88 - NPSHr (m.) 7,46 - RPM 2900



INSPECTOR NAME and SIGNATURE NOME e FIRMA ISPETTORE	
 SGS ITALIA S.p.A. Witnessed ☒ Review ☐ Noted for information only ☐ SIMONE GIOLO 24/02/25 <i>[Signature]</i> Date Signature	SGS Italia S.p.A. on proxy Fabio Benati <i>[Signature: Fabio Benati]</i>

Inspection Photos



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No. 03 – Hydraulic performance test S/N400301



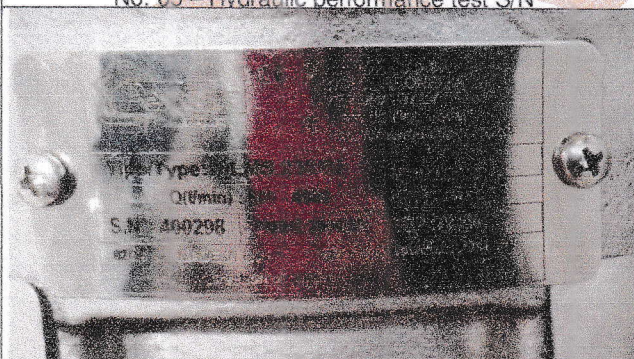
No. 04 – Hydraulic performance test S/N400298



No. 05 – Hydraulic performance test S/N



No. 06 – Instrument identification



No. 07 - Nameplate pump S/N400298

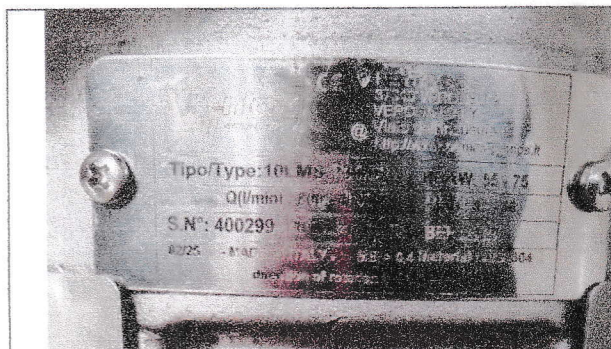


No. 08 – Wooden Box tag pump S/N400298

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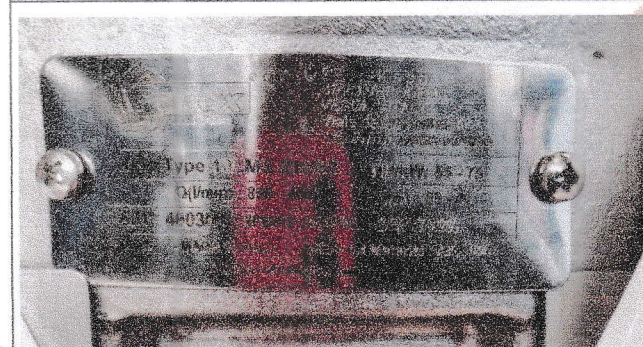
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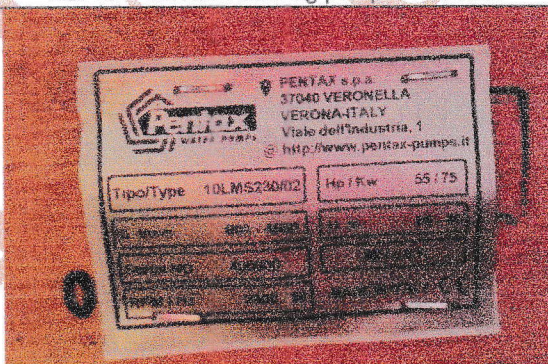
No. 09 - Nameplate pump S/N400299



No. 10 - Wooden Box tag pump S/N400299



No. 11 - Nameplate pump S/N400300



No. 12 - Wooden Box tag pump S/N400300



No. 13 - Nameplate pump S/N400301



No. 14 - Wooden Box tag pump S/N400301

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INSPECTION REPORT No. 25.500.0132

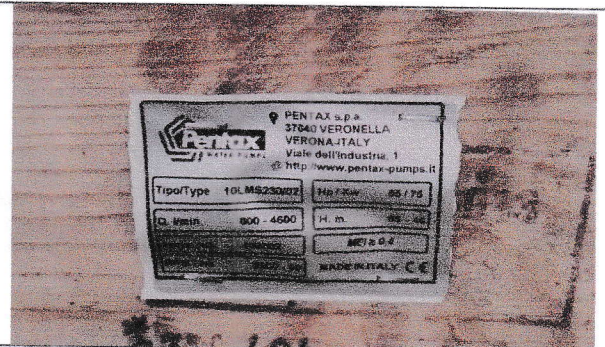
Date: 24/02/2025

File No 25.26457

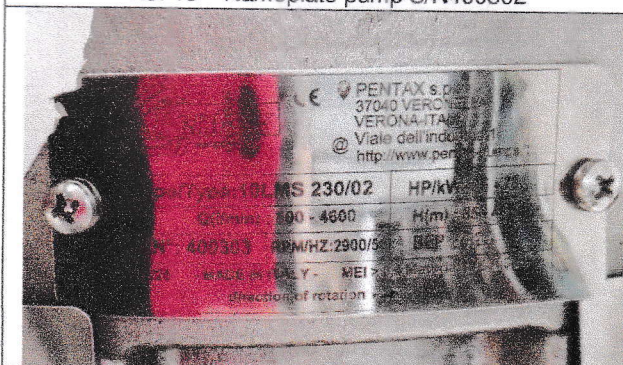
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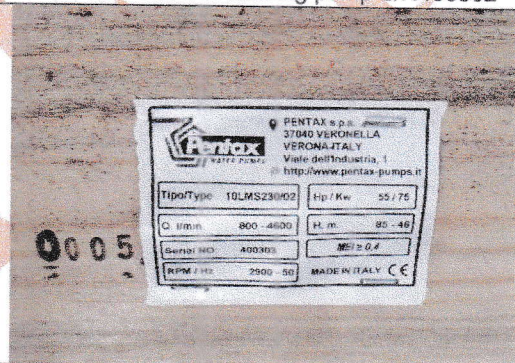
No. 15 – Nameplate pump S/N400302



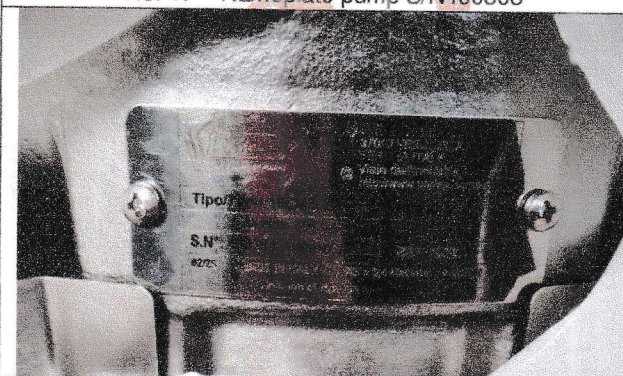
No. 16 – Wooden Box tag pump S/N400302



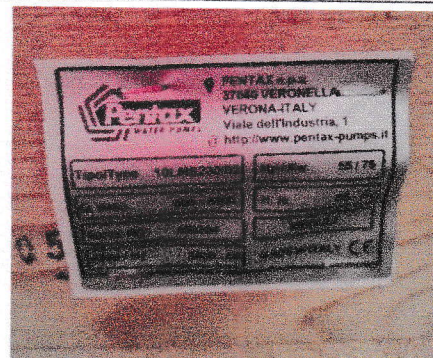
No. 17 – Nameplate pump S/N400303



No. 18 – Wooden Box tag pump S/N400303



No. 19 – Nameplate pump S/N400304

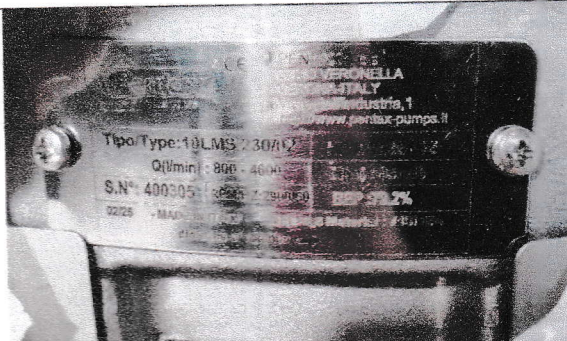


No. 20 – Wooden Box tag pump S/N400304

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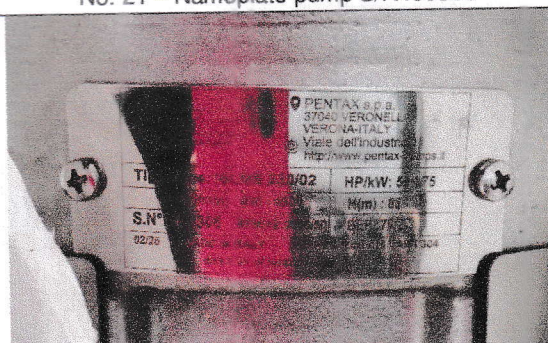
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No. 21 – Nameplate pump S/N400305



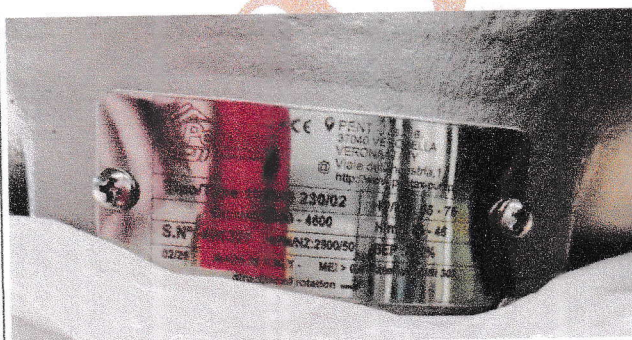
No. 22 – Wooden Box tag pump S/N400305



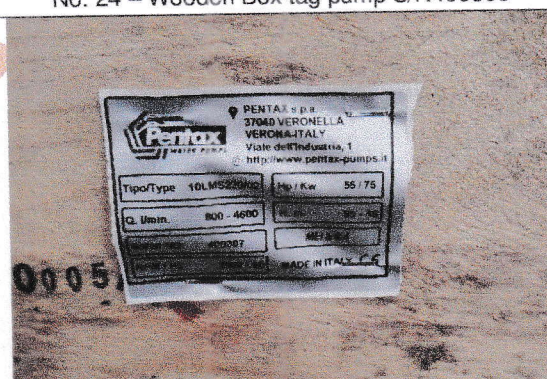
No. 23 – Nameplate pump S/N400306



No. 24 – Wooden Box tag pump S/N400306



No. 25 – Nameplate pump S/N400307



No. 26 – Wooden Box tag pump S/N400307

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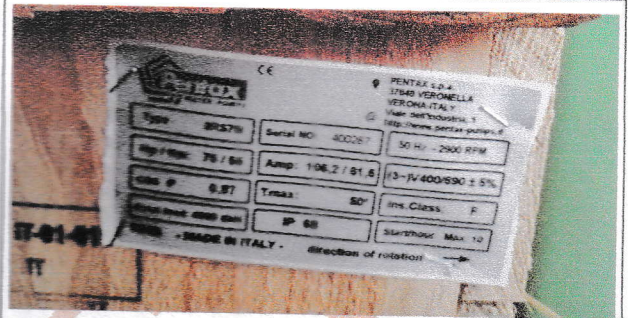
Date: 24/02/2025

File No 25.26457

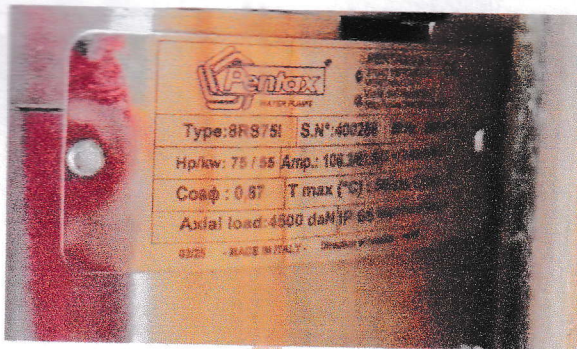
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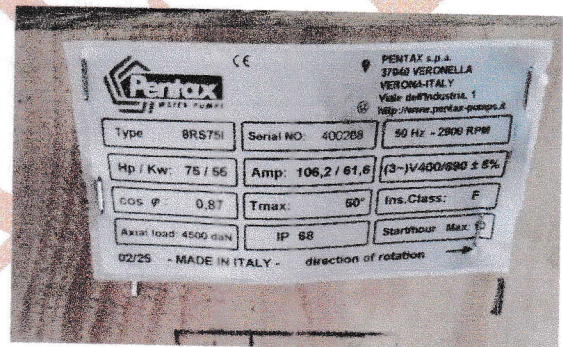
No. 27 – Nameplate motor S/N400287



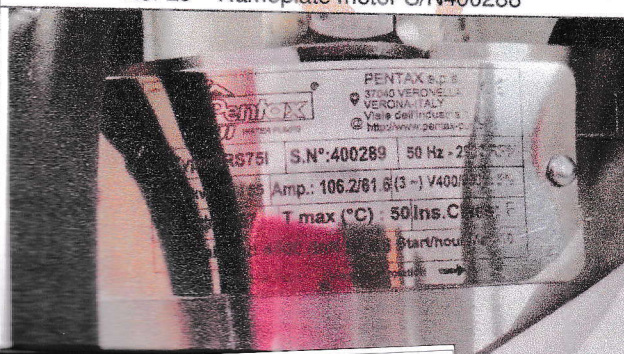
No. 28 – Wooden Box tag motor S/N400287



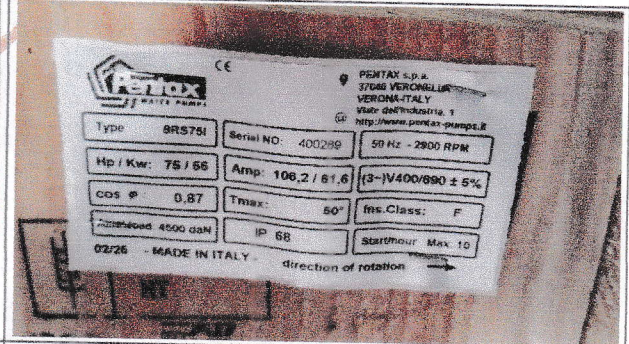
No. 29 – Nameplate motor S/N400288



No. 30 – Wooden Box tag motor S/N400288



No. 31 – Nameplate motor S/N400289

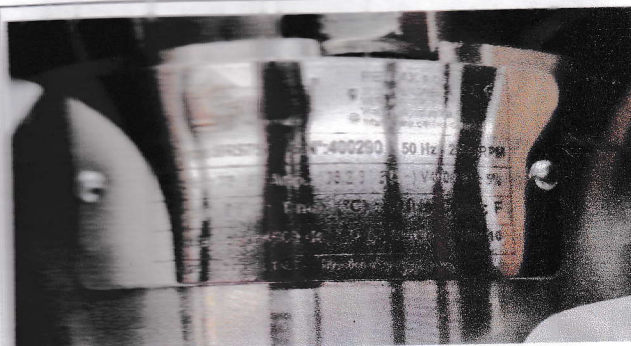


No. 32 – Wooden Box tag motor S/N400289

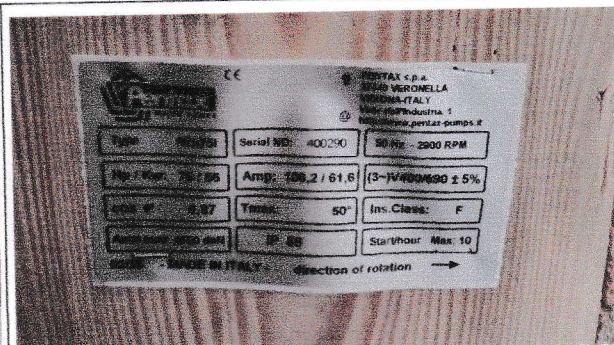
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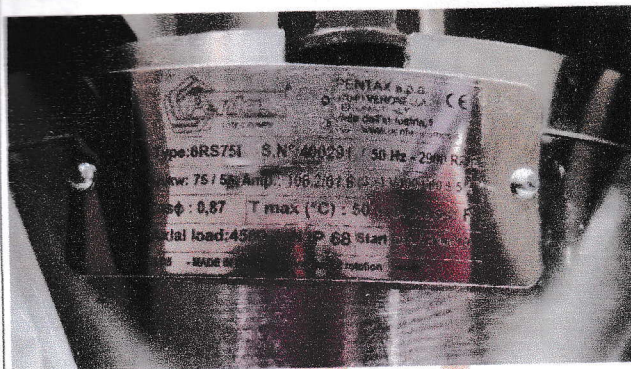
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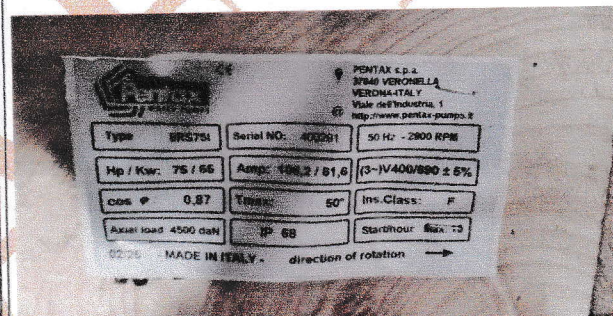
No. 33 – Nameplate motor S/N400290



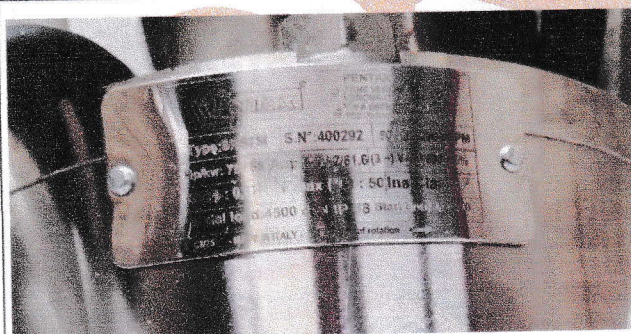
No. 34 – Wooden Box tag motor S/N400290



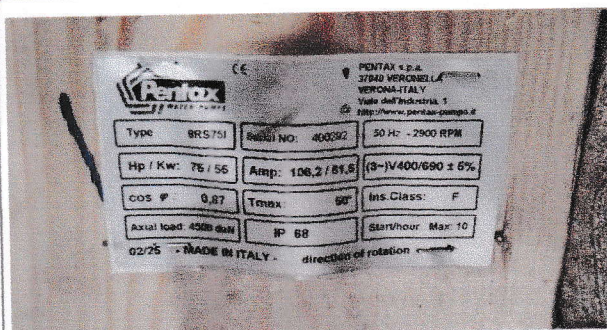
No. 35 – Nameplate motor S/N400291



No. 36 – Wooden Box tag motor S/N400291



No. 37 – Nameplate motor S/N400292

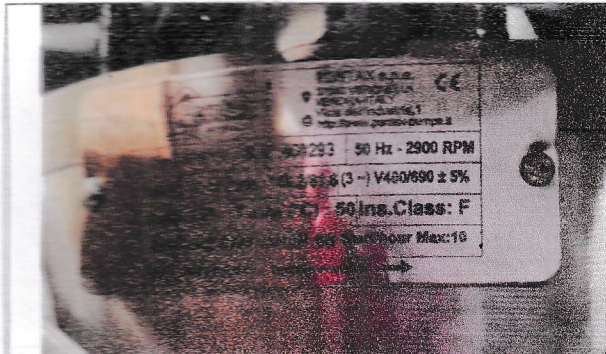


No. 38 – Wooden Box tag motor S/N400292

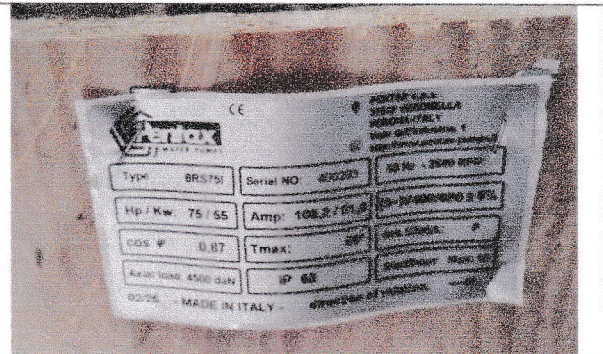
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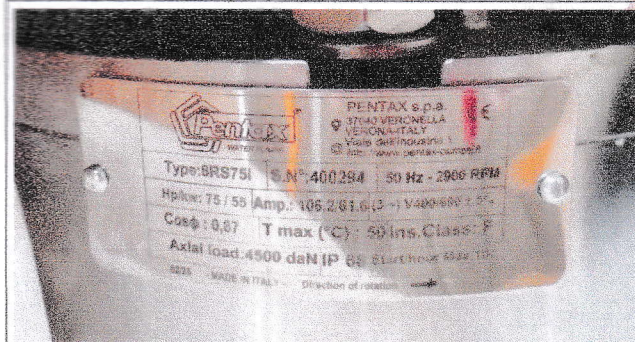
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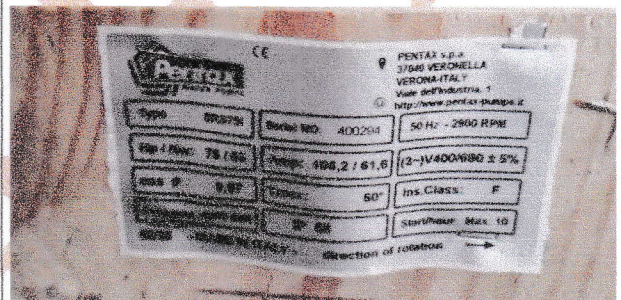
No. 39 – Nameplate motor S/N400293



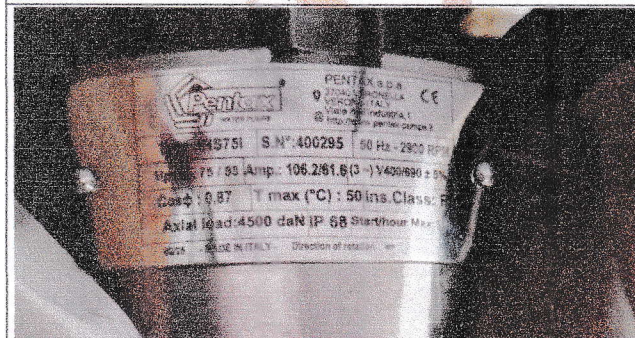
No. 40 – Wooden Box tag motor S/N400293



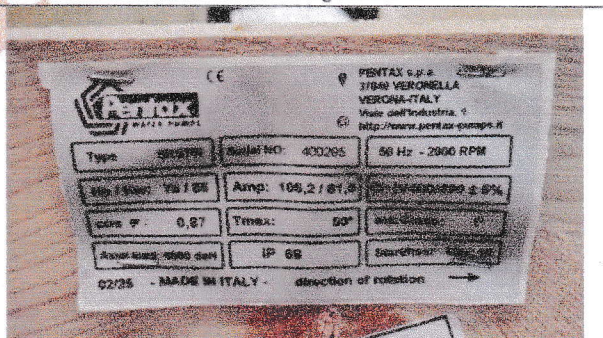
No. 41 – Nameplate motor S/N400294



No. 42 – Wooden Box tag motor S/N400294



No. 43 – Nameplate motor S/N400295

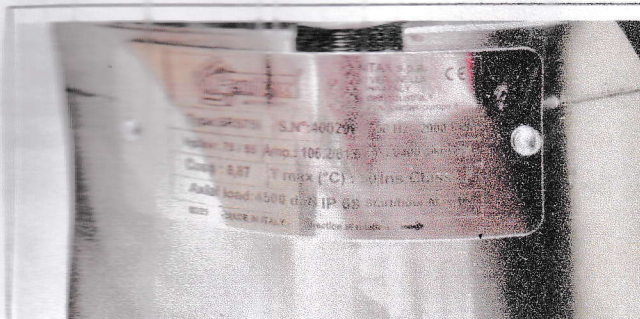


No. 44 – Wooden Box tag motor S/N400295

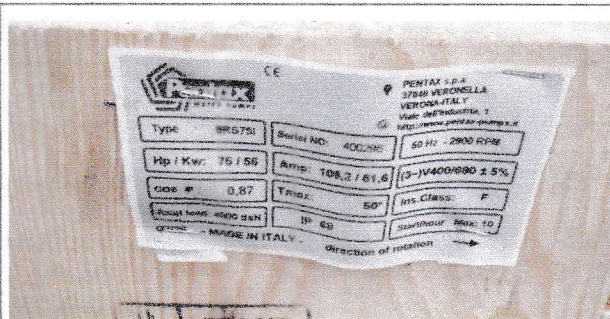
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No. 45 – Nameplate motor S/N400296



No. 46 – Wooden Box tag motor S/N400295

END OF REPORT

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