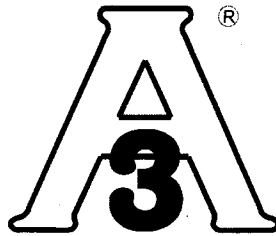


Initially Issued: 1/29/2003

Authorization No.: 1311



**This Is To Certify That**

Wright Flow Technologies  
406 State Street, Cedar Falls, IA 50613

Is hereby authorized to continue to apply the 3-A Symbol to the models of equipment, conforming to 3-A Sanitary Standards for:

Centrifugal and Positive Rotary Pumps, Number: 02-10, set forth below:

Model Designations: See Attached

Valid through: October 31, 2011

Timothy R. Rugh

Executive Director, 3-A Sanitary Standards, Inc.

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The issuance of this authorization for the use of the 3-A Symbol is based upon the voluntary certification, by the applicant for it, that the equipment listed above complies fully with the 3-A Sanitary Standards designated. Legal responsibility for compliance is solely that of the holder of this Certificate of Authorization, and 3-A Sanitary Standards, Inc. does not warrant that the holder of an authorization at all times complies with the provisions of the said 3-A Sanitary Standards. This in no way affects the responsibility of 3-A Sanitary Standards, Inc. to take appropriate action in such cases in which evidence of nonconformance has been established.

Next TPV Inspection/Report due: October 2011

**Wright Flow Technologies – Rotary Lobe and Circumferential Piston Models**

Auth. No. 1311

**Revolution**

Size 1 – R0035X, R0065X  
Size 2 - R0150X, R0160L, R0180P, R0180L  
Size 3 - R0200X, R0300X, R0400X  
Size 4 - R0450X, R0600P, R0800X, R1300X,  
Size 5 - R1800X, R1830X, R2200X, R2230X, R2600P, R2630P  
Size 6 – R3000L, R3200P, R3230P, R3800P, R3830P, R3800L, R3900P, R3930P  
Size 7 – R4000L, R4200P, R4230P, R5000L, R5200P, R5230P

**Sterilobe**

<u>Europe</u>	<u>USA</u>
SLAS/0039	SLAS
SLAL/0059	SLAL
SLBS/0081	SLBS
SLBL/0122	SLBL
SLCS/0169	SLCS
SLCL/0254	SLCL
SLDS/0352	SLDS
SLDL/0528	SLDL
SLES/0732	SLES
SLEL/1099	SLEL
SLFS/1524	SLFS
SLFL/2285	SLFL
SLGS/3170	SLGS
SLGL/4754	SLGL
SLHS/6400	SLHS

**On-Line**

<u>Europe</u>	<u>Duralobe</u> USA – Mechanical Seals
OL1/0004	S1S
OL1/0006	S1M
OL1/0008	S1L
OL2/0017	S2S
OL2/0025	S2M
OL2/0034	S2L
OL3/0054	S3S
OL3/0081	S3M
OL3/0108	S3L
OL4/0162	S4S
OL4/0243	S4M
OL4/0324	S4L

**Duralobe**  
USA – O-ring Seals

R1S  
R1M  
R1S  
R2S  
R2M  
R2L  
R3S  
R3M  
R3L  
R4S  
R4M  
R4L

**Classic**

<u>Europe</u>	<u>USA</u>
1C10/0005	1C10S
1C10/0008	1C10M
1C10/0011	1C10L
1C20/0020	1C20S
1C20/0031	1C20L
1C30/0069	1C30S
1C30/0113	1C30L
1C40/0180	1C40S
1C40/0250	1C40L
1C50/0351	1C50S
1C50/0525	1C50L

**Classic +**

<u>Europe</u>	<u>USA</u>
CP10/0005	CP10S
CP10/0008	CP10M
CP10/0011	CP10L
CP20/0020	CP20S
CP20/0031	CP20L
CP30/0069	CP30S
CP30/0113	CP30L
CP40/0180	CP40S
CP40/0250	CP40L
CP50/0351	CP50S
CP50/0525	CP50L

**MultiPump**

<u>Europe</u>	<u>USA</u>
MP10/0005	MP10S
MP10/0008	MP10M
MP10/0011	MP10L
MP20/0020	MP20S
MP20/0031	MP20L
MP30/0069	MP30S
MP30/0113	MP30L
MP40/0180	MP40S
MP40/0250	MP40L
MP50/0351	MP50S
MP50/0525	MP50L

**SQ**

<u>Europe</u>	<u>USA</u>
SQ1/0004	SQ1/12
SQ1/0007	SQ1/06
SQ2/0017	SQ2/15
SQ2/0030	SQ2/07
SQ3/0054	SQ3/15
SQ3/0103	SQ3/07
SQ4/0160	SQ4/15
SQ4/0303	SQ4/07

**RTP**

RTP20/0100  
RTP30/0128

**Acculobe**

<u>Europe</u>	<u>USA</u>
A105/0002	AL-05

**TRA10 Series**

Size 1 – 0060, 0150, 0180, 0240  
Size 2 – 0300, 0340  
Size 3 – 0450, 0600, 0640, 1300, 1340  
Size 4 – 1800, 2200, 2240  
Size 5 - 3200

**TRA20 Series**

Size 1 – 0060, 0150, 0180, 0240  
Size 2 – 0300, 0340  
Size 3 – 0450, 0600, 0640, 1300, 1340  
Size 4 – 1800, 2200, 2240  
Size 5 – 2100, 3200

**TRA400 Series**

TRA400, TRA401, TRA402, TRA403, TRA404, TRA405, TRA406,  
TRA451, TRA452, TRA453, TRA454, TRA455, TRA456

**TRA500 Series**

TRA500, TRA501, TRA502, TRA503, TRA504, TRA505, TRA506,  
TRA552, TRA553, TRA554, TRA555, TRA545, TRA558, TRA559.