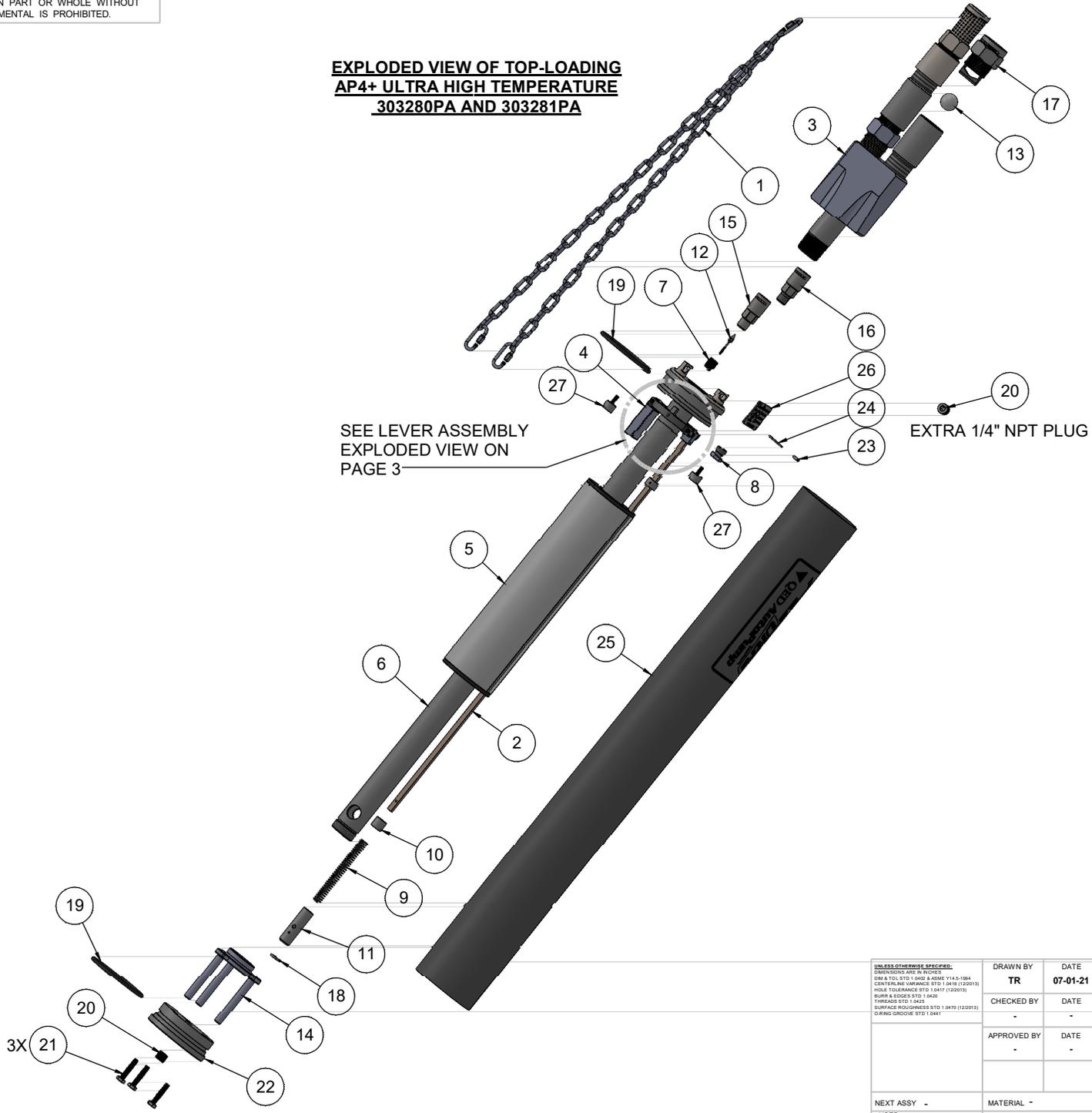


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF Q.E.D. ENVIRONMENTAL ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF Q.E.D. ENVIRONMENTAL IS PROHIBITED.

**EXPLODED VIEW OF TOP-LOADING
AP4+ ULTRA HIGH TEMPERATURE
303280PA AND 303281PA**



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DIM & TOL STD: ISO & ASME Y14.5-1994
CENTERLINE VARIANCE STD: 1.0418 (1/2013)
HOLE TOLERANCE STD: 1.0417 (1/2013)
BURN & EDGES STD: 0.0420
THREADE STD: 1.0420
SURFACE ROUGHNESS STD: 1.0470 (1/2013)
CURVE RADIUS STD: 1.0441

DRAWN BY	DATE
TR	07-01-21
CHECKED BY	DATE
-	-
APPROVED BY	DATE
-	-



TITLE
303280PA & 303281PA AP4+ ULTRA
HIGH TEMP
DISTRIBUTOR/SERVICE DRAWING

NEXT ASSY -	MATERIAL -	DWG. NO. 95357	REV. A
USED ON -	FINISH -	SCALE 1:12	SHEET 1 OF 3

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF Q.E.D. ENVIRONMENTAL ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF Q.E.D. ENVIRONMENTAL IS PROHIBITED.

ITEM	PART #	QTY.	DESCRIPTION
1	300984	1	AP4 LIFT CHAIN
2	303087	1	CTRL ROD ASSY LONG AP4+ 316SS
3	303091	1	WYE AP4+ TL 316SS
4	303204	1	LEVER ASSY AP4 PVDF ALL 316S 120PSI W/POPPET BUSHING
5	303210	1	COATED HIGH-TEMPERATURE FLOAT ASSEMBLY
6	303214	1	FRAME POLISHED AP4+ SHORT 316LSS W/120 PSI SEAT AND PIVOT PIN
7	ENV301084	1	SEAT 120 PSI INT AP4 ASSY - 316SS
8	42216	1	SEAT 120 PSI EXHAUST AP4 316SS
9	ENV200351	1	SPRING AP4 CTRL ROD HASTELLOY C-276
10	ENV201210	1	AP-4 CONTROL ROD SLIDING STOP PVDF
11	ENV201211	1	AP4 PVDF (KYNAR) SPRING CUP
12	ENV201614	1	POPPET INTAKE 120 PSI AP4 316SS
13	ENV201852	1	BALL 7/8 GRADE 1 TEFLON
14	ENV206195	1	SPIDER, CASTING -AP4+MACHINED 316LSS
15	ENV206210	1	HOUSING EASY-FITTING AIR 1/4 MPT
16	ENV206213	1	HOUSING EASY-FITTING EXH 1/4 MPT
17	ENV206216	1	HOUSING, ADAPTER EZ-FITTINGS DISCHARGE 1" MPT
18	ENV206247	1	HAIRPIN, AP4 CTRL ROD/SPRING CUP PIN HASTELLOY C276
19	ENV206273	2	O-RING PARKER VITON 2-235 V747-75
20	ENV206290	2	PLUG, 1/4" 316SS COUNTERSUNK HEX
21	ENV206362	3	SCREW, 1/4"-20 X 1-1/4" FL/THR HEX CAP, W/VIT, W/VIBRA-TITE
22	ENV206426	1	INLET SEAT, AP4+ MACHINED
23	ENV206446	1	SLEEVE FOR 1/16 DIA CABLE 316 SS
24	ENV206447	0.25	CABLE 1/16 DIA 316 SS
25	ENV206588	1	CASING, LABELED ULTRA 316SS AP4+ SHORT
26	ENV206768	1	AP4 ULTRA ATEX TAG
27	ENV301083	2	AP4 250 DEG 316 SS MAGNET W/EPOXY

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 DIM & TOL STD: 1.900 & ABOVE 1/4-1.994
 CENTERLINE VARIANCE STD: 1.0416 (1/20013)
 HOLE TOLERANCE STD: 1.9417 (1/20013)
 SURF & EDGES STD: 0.0420
 THREADS STD: 1.9420
 SURFACE ROUGHNESS STD: 1.0470 (1/20013)
 CHAMF GROOVE STD: 1.9441

DRAWN BY TR	DATE 07-01-21
CHECKED BY -	DATE -
APPROVED BY -	DATE -
NEXT ASSY -	MATERIAL -
USED ON -	FINISH -



2355 BISHOP CIRCLE W, DEXTER, MI. 48130

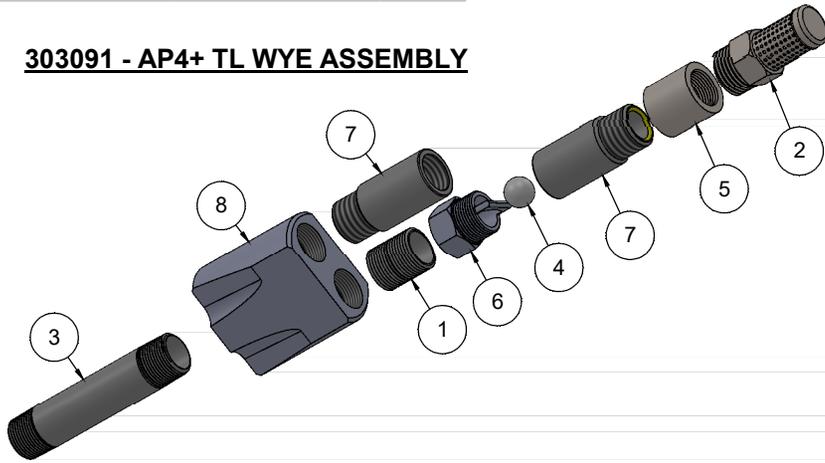
TITLE
**303280PA & 303281PA AP4+ ULTRA
 HIGH TEMP
 DISTRIBUTOR/SERVICE DRAWING**

DWG. NO. 95357
 SCALE 1:12 SHEET 2 OF 3

REV. A

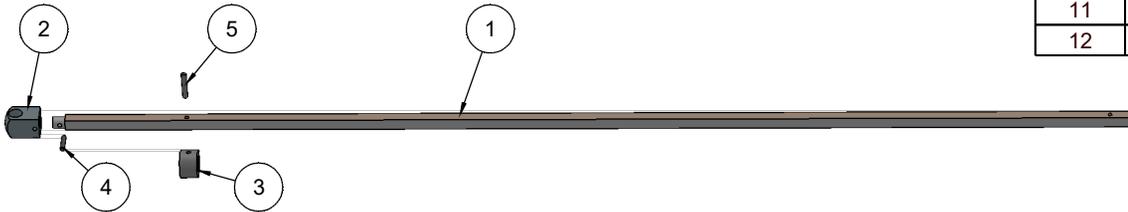
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF Q.E.D. ENVIRONMENTAL ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF Q.E.D. ENVIRONMENTAL IS PROHIBITED.

303091 - AP4+ TL WYE ASSEMBLY



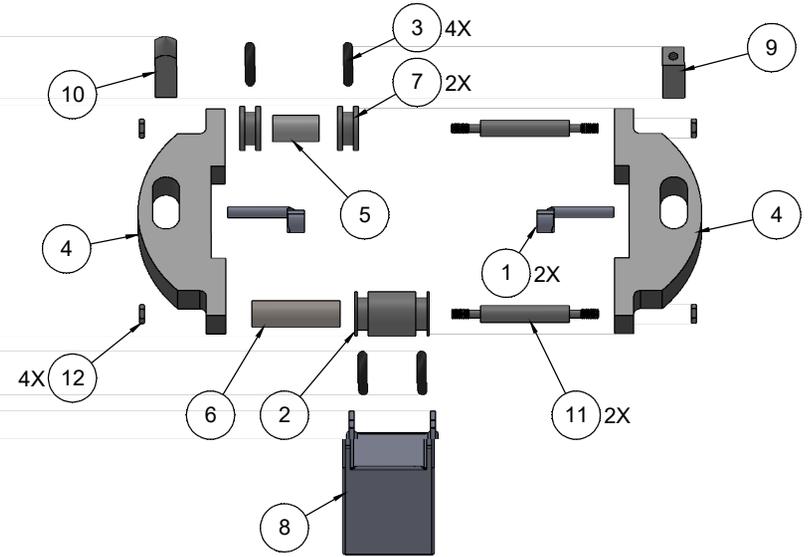
ITEM	PART #	QTY.	DESCRIPTION
1	203828	1	NIPPLE 1 MPT CLOSE 316SS
2	301383	1	SCREEN AP4 TL FLUID INTAKE 316SS
3	51090	1	NIPPLE 1" x 6" LONG SS
4	ENV201852	1	BALL 7/8 GRADE 1 TEFLON
5	ENV203829	1	1 COUPLING 316SS
6	ENV205598	1	ADAPTER 1" NPT x 1" FPT DISCHARGE W/BS SS
7	ENV205601	2	HOUSING, CHECK 1" MPT x 1" FPT 316 S.S.
8	ENV206578	1	WYE MACHINED 316 SS NO BALL STOP

303087 & 303088 - AP4+ CONTROL ROD ASSEMBLY



ITEM	PART #	QTY.	DESCRIPTION
1	206243	1	CONTROL ROD SHORT AP4+ NATURAL PVDF
2	ENV200340	1	ADAPTER CTRL ROD AP4 17-4SS
3	ENV201209	1	AP4 CTRL ROD UPPER STOP PVDF
4	ENV201609	1	DOW PIN .0939/.0941 DIA X 1/2 316SS
5	ENV201610	1	DOW PIN .0939 / .0941 DIA 5/8 316SS

303204 - AP4+ LEVER ASSEMBLY



ITEM	PART #	QTY.	DESCRIPTION
1	206445	2	POPPET BUSHING NITRONIC 60 AP4 LEVER
2	ENV200330	1	AP-4 COUNTERWEIGHT ROLLER
3	ENV200496	4	O-RING PARKER 2-109 VITON V747-75
4	ENV201033	2	LEVER HALF AP4 PVDF
5	ENV201052	1	316 SS CONTROL ROD ADAPTER BUSHING
6	ENV201053	1	BUSHING AP-4 COUNTER WEIGHT 316SS
7	ENV201458	2	ROLLER CTRL ROD AP4 PVDF
8	ENV201520	1	AP4 COUNTER WEIGHT CASTING WIDER
9	ENV201616	1	120 PSI INTAKE POPPET 316SS CONNECTOR
10	ENV201623	1	POPPET 120 PSI POPPET AP4 316SS
11	ENV201626	2	LEVER CONNECTING PIN 316SS
12	ENV202889	4	NUT SMALL PATTERN, 316SS, 4-40, LEVER CONNECTOR

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 DIM & TOL STD: UNAS & ASME Y14.5-1994
 CENTERLINE VARIANCE STD: ASME Y14.5-1994 (132013)
 HOLE TOLERANCE STD: ASME Y14.5-1994 (132013)
 SURF & EDGES STD: ASME Y14.5-1994 (132013)
 THREADS STD: ASME Y14.5-1994 (132013)
 SURFACE ROUGHNESS STD: ASME Y14.5-1994 (132013)
 CHAMF ROUNDS STD: 1:1:1

DRAWN BY TR	DATE 07-01-21
CHECKED BY -	DATE -
APPROVED BY -	DATE -
NEXT ASSY -	MATERIAL -
USED ON -	FINISH -

QED
 2355 BISHOP CIRCLE W, DEXTER, MI. 48130
 TITLE
 303280PA & 303281PA AP4+ ULTRA
 HIGH TEMP
 DISTRIBUTOR/SERVICE DRAWING
 DWG. NO. 95357
 SCALE 1:4
 SHEET 3 OF 3