



**ESAB Welding &
Cutting Products**

February 24, 2016

ATTN: Document Control Desk/Exempt Distribution
Director, Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

RE: **CY15 Exempt Products Distribution Report for Licensee #39-35180-01E**

Dear Mr. Reber:

In accordance with *10 CFR 40.52 Regulation Governing Radioactive Source Material*, enclosed please find a copy of ESAB's exempt products distribution report for the period November through December of 2014. The report includes ESAB manufactured products transferred for use under 10 CFR 40.13(c)(4). You will see the report encompasses the specific requirements set forth by regulation 10 CFR 40.52 which are:

- A description or identification of the type of each product and the model number(s), if applicable;
- For each type of source material in each type of product and each model number, if applicable, the total quantity of the source material; and
- The number of units of each type of product transferred during the reporting period by model number, if applicable

If you have any questions or concerns regarding the contents of this report, you may contact me at (843) 664-4479 or sfoxworth@esab.com

Sincerely,

Shawn L. Foxworth, M.P.H., CSP, CHMM
Corporate Manager of Environment, Health, Safety & Risk Management - Americas

(email) Patti Lapierre, ESAB Welding & Cutting
Peter Elleman, ESAB Welding & Cutting
(cc) Denton File

NM5503

Equipment
411 S. Ebenezer Rd.
P.O. Box 100545
Florence, SC 29501-0545

Ph. (843) 669-4411
Fax (843) 679-5815

Consumables
801 Wilson Avenue
Hanover, PA 17331

Ph. (717) 637-8911
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ESAB Welding & Cutting - License #39-35180-01E

Prepared 02/23/16

Source Material = Thorium

Part Number	Material Description	Source Material Quantity (UOM = μ Ci per pkg)	Transferred Amount for CY14 (UOM = Units)
0558001180	SPARK GAP ASSY	0.009	8
0558001297	SPARK GAP AY(.40 GAP) W/C'BORE	0.009	7
0558002478	STARTUP KIT 200 AMOS PT-600	0.009	3
0558002499	ELECTRODE 600A PT-600 (5)	0.018	1560
0558002677	ESP-150 230/460/575V CONSOLE	0.018	55
0558002713	ESP-150 380/400/415V CE CONSOLE	0.018	16
0558002803	HI-FREQ ASSY 60HZ ESP-150	0.018	1
0558002864	SOARE PTS KIT PT-26 150 AMPS	0.018	40
0558003628	PCC-90D FLOW CONTROL CE	0.018	2
0558003928	ELECTRODE TUNG PT-36 600A (5)	0.018	18295
0558005222	PT-36 G1 200A START-UP KIT	0.018	16
0558005223	PT-36 G1 360-450A START-UP KIT	0.018	30
0558005224	PT-36 G1 600A START-UP KIT	0.018	2
0558005840	PCC-14 PLUMBING BOX	0.018	7
0558007804	PT-36 TESTING CONS KIT OEM	0.018	119
0558009926	PT-36 TESTING WTR INJ 200A S/U KIT	0.018	1
0558009928	PT-36 TESTING WTR INJ 360-450A S/U KIT	0.018	5
0558009929	PT-36 TESTING WTR INJ 600A S/U KIT	0.018	5
0558009930	PT-36 TESTING WTR INJ 720A S/U KIT	0.018	1
0558010625	PT-36 TESTING M3-G2 600A START-UP KIT	0.018	12
18362	ELECTRODE (LONG) PT-121	0.058	327
2075328	ELECTRODE 1.6MM PT-250 150A	0.045	110
21301	PT-15XL 15"	0.042	10
21304	PT-15XL 6"	0.042	27
21305	PT-15XL 12"	0.042	1
21306	PT-15XL 17"	0.042	2
21307	PT-15XL 4.5"	0.042	2
21780	PT-25 ELECT	0.044	1008
21947	PT-25 150A SPARE PARTS KIT	0.04	1
22403	ELECTRODE PT-19 600A TUNG (5)	0.018	775
36566	ELECTRODE H35 PT-26 (2)	0.022	2239

36821	SPARE PARTS KIT PT-26	0.022	17
37246	SPARK GAP ASSY H252/352	0.022	4
37307	PT-19XLS SPARE PARTS KIT	0.018	1
37401	ELECTRODE ASSY (HF/SPARK GAP)	0.033	24
600236	ELECTRODE PT-15XL N2/H35 (5)	0.045	1340
673578	POINT SPARK GAP	0.011	15
677905	SPARK GAP AY(.040 GAP)	0.066	62
80558002499	ELECTRODE 600A PT-600	0.022	950
80558003928	ELECTRODE TUNG PT-36 600A (5)	0.022	15085
80558007804	ELECTRODE PT-36 TESTING CONS KIT OEM	0.022	132
821780	ELECTRODE TUNGSTEN PT-25	0.037	347
822403	ELECTRODE PT-19 600A TUNG (5)	0.037	975
8600236	ELECTRODE PT-15XL N2/H35	0.037	1032
Q18362	ELECTRODE LONG PT-121	0.058	8
Q2075328	ELECTRODE 150 AMP (5)	0.058	50
Q21780	ELECTRODE PT-25	0.058	140
19X2175-1	SPARK GAP ASSEMBLY	0.678	2
57X8	ELECTRODE	0.198	20
63X10	ELECTRODE	0.104	20
63X50-3	ELECTRODE	0.021	417
71X3-9	ELECTRODE	0.372	4360
71X82-9	ELECTRODE	0.476	3915
71X82-C	ELECTRODE	0.245	5
72X260-3	ELECTRODE	1.172	175
72X333-9	ELECTRODE	2.014	3415
72X54-9	ELECTRODE	2.474	3285
72X54-C	ELECTRODE	2.474	2530
74X13	ELECTRODE	0.217	260
74X69	ELECTRODE	0.252	150
74X70-9	ELECTRODE	0.372	9380
74X92	ELECTRODE	0.045	485
74X92-C	ELECTRODE	0.045	155
74X94	ELECTRODE	0.072	70
76X108-3	ELECTRODE	0.035	5875
76X108-C	ELECTRODE	0.035	260
76X111-3	ELECTRODE	0.035	480
76X69	ELECTRODE	0.157	540

76X70	ELECTRODE	0.154	45
81X2041-4	ELECTRODE, 100A, SS/AL	0.018	225
81X2061-4	ELECTRODE, 100A, SS/AL	0.018	6075
81X2071-4	ELECTRODE, 150A, SS/AL	0.018	515
81X2171-4	ELECTRODE, 70A, SS/AL	0.018	1625
81X2281-4	ELECTRODE, 100A, SS/AL	0.018	1790
81X2311-4	ELECTRODE, 200A, SS/AL	0.018	35
81X2311-4B	ELECTRODE, 200A, SS/AL	0.018	140
81X2321-4	ELECTRODE, 300A, SS/AL	0.018	85
81X2441-4	ELECTRODE, 400A	0.035	5
81X3041-4	ELECTRODE, 100A, SS/AL	0.018	670
81X3061-4	ELECTRODE, 100A, SS/AL	0.018	7036
81X3071-4	ELECTRODE, 150A, SS/AL	0.018	1190
81X3171-4	ELECTRODE, 70A, SS/AL	0.018	3910
81X3241-4	ELECTRODE, 100A, SS/AL	0.018	115
81X3281-4	ELECTRODE, 100A, SS/AL	0.018	3165
81X3311-4	ELECTRODE, 200A, SS/AL	0.018	40
81X3311-4C	ELECTRODE, 300A, SS/AL	0.018	140
81X3321-4	ELECTRODE, 300A, SS/AL	0.018	215
81X3321-4D	ELECTRODE, 300A, SS/AL	0.018	30
81X3441-4	ELECTRODE, 400A, SS/AL	0.035	100
83X19-3	ELECTRODE	0.037	185
88X332	ELECTRODE	0.007	20
88X335-3	ELECTRODE	0.007	120
88X364-3	ELECTRODE	0.035	190
88X368-3	ELECTRODE	0.035	645
88X422-3	ELECTRODE	0.035	905
88X497-3	ELECTRODE	0.035	1075
88X506-3	ELECTRODE	0.007	297
90X12-3	ELECTRODE	0.035	310
H5211111131125	PWH-2A (70) T&L 12.5ft (3.8m)	0.252	4
H5211111141125	PWH-2A (70)T&L 12.5ft (3.8m)QD	0.252	4
H5211111142250	PWH-2A (70)T&L 25ft (7.6m) QD	0.252	8
H5211211141125	PWH-2A (90)T&L 12.5ft (3.8m) QD	0.252	3
H5211311241125	PWM-2A T&L 12.5ft (QD)	0.252	1
H5211311242250	PWM-2A T&L 25ft (7.6m) QD	0.252	2
H5211411141125	PWH-2A (180)T&L 12.5ft (3.8m) QD	0.252	2

H5211411142250	PWH-2A (180)T&L 12.5ft (7.6m)QD	0.252	4
H5325111100000	PWH-3A (70)Torch Body w/parts	0.074	1
H5325111131125	PWH-3A (70) T&L 12.5ft (3.8m) QD	0.074	18
H5325111132250	PWH-3A (70) T&L 25ft (7.6m) QD	0.074	6
H5325211131125	PWH-3A (90)T&L 12.5ft (3.8m) QD	0.074	2
H5325211132250	PWH-3A (90) T&L 25ft (7.6m) QD	0.074	9
H5325311231125	PWM-3A T&L 12.5ft	0.074	4
H5325311232250	PWH-3A (180)T&L 25ft (QD)	0.074	13
H5325411131125	PWH-3A (180)T&L 12.5ft(3.8m) QD	0.074	12
H5325411132250	PWH-3A (180) T&L 25ft (7.6m) QD	0.074	5
H5432131111125	PWM-4A (70) T&L 12.5ft (3.8m)	0.495	2
H5432131112250	PWM-4A (70) T&L 25ft (7.6m)	0.495	3
H5432131131125	PWM-4A (70) T&L 12.5ft (3.8m) QD	0.495	21
H5432131132250	PWM-4A (70) T&L 25ft (7.6m) QD	0.495	1
H5432231131125	PWH-4A (90) T&L 12.5ft QD	0.495	1
H5432331232250	PWM-4A1 T&L 25ft (QD)	0.495	2
H5432411100000	PWH-4A (70)Torch Body w/parts	0.495	1
H5432431212250	PWM-4A T&L 25ft (QD)	0.495	2
H5432431231125	PWH-4A T&L 12.5ft QD	0.495	1
H5432431232250	PWM-4A T&L 25ft (QD)	0.495	2
H5432831111125	PWM-4A1 T&L 12.5ft (QD)	0.495	3
H5432831112250	PWM-4A (180) T&L 25ft	0.495	3
H5432831131125	PWM-4A1 (180) T&L 12.5ft (QD)	0.495	1
H5432831132250	PWM-4A1 (180) T&L 25ft (QD)	0.495	2
H5432931131125	PWH-4A (180)T&L 12.5ft(3.8m) QD	0.495	8
H5432931132250	PWH-4A (180) T&L 25ft (7.6m) QD	0.495	2
H5605261131125	PWH-6A (90) T&L 12.5ft	0.495	3
H5605661100000	PWM-6A Torch Body w/parts	0.495	1
H5605661231125	PWH-6A T&L 25ft (3.8)	0.495	1
H5605661231250	PWH-6A T&L 12.5ft (7.6)	0.495	3
H5611241100000	PCH-6B (90) Torch Head	0.007	1
H5611443212500	PCM-6B T&L 50ft (15.2m)	0.007	2
H5615111131250	PCH-6B (70) T&L 25ft (7.6m)	0.007	3
H5615111132500	PCH-6B (70) T&L 50ft (15.2m)	0.007	3
H5615211131250	PCH-6B (90) T&L 25ft (7.6m)	0.007	3
H5615211132500	PCH-6B (90) T&L 50ft (15.2m)	0.007	1
H5615413211250	PCH-6B T&L 25ft (7.6m)	0.007	3

H5615413212500	PCM-6B T&L 50ft (15.2m)	0.007	1
H5615413246750	PCM-6B T&L 75ft (22.9m)	0.007	1
H5615413246990	PCM-6B T&L 100ft (30.5m)	0.007	2
H5619121211125	PWM-300 T&L 12.5ft	0.403	23
H5619121212250	PWM-300 T&L 25ft	0.403	15
I1903211420	WC-100B Console	0.136	9
I1903211720	WC-100B Console	0.136	2
I1903221420	WC-100B Console	0.136	9
I1903221720	WC-100B Console	0.136	3
I1903311720	WC-100B Console	0.136	2
I1903321420	WC-100B Console	0.136	33
I1903321720	WC-100B Console	0.136	16
P002703071000	Auto-Cut 200 XT, 380-415V, WMS	0.136	13
P002703072000	Auto-Cut 200 XT, 380-415V, WMS	0.136	45
P002703081000	Auto-Cut 200 XT, 400V CE, WMS	0.136	2
P002703091000	Auto-Cut 200 XT, 480V	0.136	1
P002703092000	Auto-Cut 200XT, 480V, WMS	0.136	19
P002705021110	Auto-Cut 300 XT, 380-415V	0.136	8
P002705031000	Auto-Cut 300 XT, 400V CE	0.136	2
P002705041110	Auto-Cut 300 XT, 480V	0.136	8
P002707031000	PAK200i, 400V CE	0.136	4
P002707041000	PAK200i, 480V	0.136	9
SY103601210	ULTIMA-150 WELD SYS, (2A, 70,	0.252	2
SY103601310	ULTIMA-150 WELD SYS, (2A, 70,	0.252	6
SY103601610	ULTIMA-150 WELD SYS, (2A, 180,	0.252	2
SY103601710	ULTIMA-150 WELD SYS, (2A, 180,	0.252	4
SY103601A20	ULTIMA-150 WELD SYS, (3A, 70,	0.074	4
SY103601B20	ULTIMA-150 WELD SYS, (3A, 70,	0.074	4
SY103601E20	ULTIMA-150 WELD SYS, (3A, 90,	0.074	2
SY103601F20	ULTIMA-150 WELD SYS, (3A, 180,	0.074	4
SY103601G20	ULTIMA-150 WELD SYS, (3A, 180	0.074	6
SY103601H20	ULTIMA-150 WELD SYS, (3A, 181	0.074	14
SY103601I30	ULTIMA-150 WELD SYS, (4A, 70	0.990	2
SY103601J30	ULTIMA-150 WELD SYS, (4A, 70	0.990	2
SY103601M30	ULTIMA-150 WELD SYS, (4A, 180	0.990	2
SY103601Q30	ULTIMA-150 WELD SYS, 4A,180OS	0.990	2
SY107201211	PAK200i,70d,25'(7.6m),380-415	0.136	4

SY107201221	PAK200i,70d,50'(15.2m),380-415	0.136	8
SY107201241	PAK200i,90d,50'(15.2m),380-415	0.136	3
SY107201261	PAK200i,180d,50'(15.2m)380-415	0.136	1
SY107201411	PAK200i,70d,25'(7.6m)480V	0.136	3
SY107201421	PAK200i,70d,50'(15.2m)480V	0.136	2
SY107201431	PAK200i,90d,25'(7.6m)480V	0.136	2
SY107201441	PAK200i,90d,50'(15.2m)480V	0.136	3
SY107201461	PAK200i,180deg,50'(15.2m),480V	0.136	2
Z000335100	Spare Parts Kit	0.996	13
Z000335200	Spare Parts Kit	0.996	36
Z000335300	Spare Parts Kit	0.996	14
Z000350000	Spare Parts Kit	0.996	4
Z000459100	Spare Parts Kit	0.996	6

**Total Quantity Transferred
in CY14 (UOM = μ Ci)**

0.072
0.063
0.027
28.080
0.990
0.288
0.018
0.720
0.036
329.310
0.288
0.540
0.036
0.126
2.142
0.018
0.090
0.090
0.018
0.216
18.966
4.950
0.420
1.134
0.042
0.084
0.084
44.352
0.040
13.950
49.258

0.374
0.088
0.018
0.792
60.300
0.165
4.092
20.900
331.870
2.904
12.839
36.075
38.184
0.464
2.900
8.120
1.356
3.960
2.086
8.698
1622.644
1865.319
1.225
205.049
6878.477
8128.044
6259.955
56.357
37.728
3490.917
21.819
6.973
5.010
204.231
9.038
16.686
85.026

6.930
4.141
111.803
9.478
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32.943
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12.331
129.489
21.901
71.959
2.116
58.248
0.736
2.577
3.957
0.552
3.476
6.809
0.140
0.883
6.605
22.422
31.460
37.370
2.186
10.776
1.006
1.006
2.012
0.755
0.252
0.503
0.503

1.006
0.074
1.340
0.447
0.149
0.670
0.298
0.968
0.893
0.372
0.990
1.485
10.392
0.495
0.495
0.990
0.495
0.990
0.495
0.990
1.485
1.485
0.495
0.990
3.959
0.990
1.485
0.495
0.495
1.485
0.007
0.014
0.021
0.021
0.021
0.007
0.021

0.007
0.007
0.014
9.265
6.043
1.222
0.272
1.222
0.407
0.272
4.481
2.172
1.765
6.110
0.272
0.136
2.580
1.086
0.272
1.086
0.543
1.222
0.503
1.509
0.503
1.006
0.296
0.296
0.149
0.298
0.447
1.042
1.980
1.980
1.980
1.980
0.544

1.086
0.407
0.136
0.407
0.272
0.272
0.407
0.272
12.948
35.856
13.944
3.984
5.976