

SECTION I E-2026OSB058-(Header PGMA wise Tentative Bill of material)

PGMA	CIRCIT	DESP UNIT	ITEM DESC	MATERIAL DESCRIPTION	SIZE (MM)	QTY	WT/UNIT	WT (Kg)	HEADER CONFIGURATION
05-102	F-05	M	HEADER ASSY	FURNACE FRNT INLET HEADER		1		1187	FEC with Inspn Nzl + PIPE + PIPE + FEC with Inspn Nzl
05-102	F-05		PIPE	PD 219.1 X 18.26-SA106GrC	9162	1	90	828	
05-102	F-05		NOZZLE	PD 168.3 X 7.11	250	8	7	56	
05-102	F-05		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-102	F-05		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-102	F-05		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-102	F-05		NIPPLE	TD 63.5 X 5.2	150	99	1	111	
05-102	F-05		NIPPLE	TD 76.2 X 10.7	150	50	3	130	
05-102	F-05		STUD	STUD DIA 8-L-25 to 40 mm A36	--	184	0	2	
05-202	F-07	M	HEADER ASSY	FURN FW/RW OUT HEADER		1		1885	FEC with Inspn Nzl + PIPE + PIPE + FEC with Inspn Nzl
05-202	F-07		PIPE	PD 273 X 23 -SA106GrC	9124	1	142	1293	
05-202	F-07		NOZZLE	PD 168.3 X 7.11	250	12	7	85	
05-202	F-07		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-202	F-07		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-202	F-07		HEADER FEC	FEC D 273 X 65	--	2	27	54	
05-202	F-07		NIPPLE	TD 63.5 X 5.2	150	99	1	111	
05-202	F-07		NIPPLE	TD 63.5 X 5.2	150	99	1	111	
05-202	F-07		STUD	STUD DIA 8-L-25 to 40 mm A36	--	184	0	2	
05-202	F-07		PAD PLATE	PLATE-12 X 250 X 250	--	13	6	78	
05-202	F-07		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	13	9	117	
05-104	F-10	M	HEADER ASSY	FURNACE RR INLET HEADER		1		1119	FEC with Inspn Nzl + PIPE + PIPE + FEC with Inspn Nzl
05-104	F-10		PIPE	PD 219.1 X 18.26-SA106GrC	9024	1	90	816	
05-104	F-10		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-104	F-10		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-104	F-10		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-104	F-10		NIPPLE	TD 63.5 X 5.2	150	99	1	111	
05-104	F-10		NIPPLE	TD 76.2 X 10.7	150	50	3	130	
05-104	F-10		STUD	STUD DIA 8-L-25 to 40 mm A36	--	184	0	2	
05-105	F-14	M	HEADER ASSY	FURNACE LSW/RSW INLET HEADER		1		601	FEC + PIPE + FEC
05-105	F-14		PIPE	PD 219.1 X 18.26-SA106GrC	4976	1	90	450	
05-105	F-14		NOZZLE	PD 168.3 X 16	250	2	15	30	
05-105	F-14		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-105	F-14		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-105	F-14		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-105	F-14		NIPPLE	TD 63.5 X 5.2	150	46	1	52	
05-105	F-14		NIPPLE	TD 63.5 X 5.2	150	7	1	8	
05-105	F-14		STUD	STUD DIA 8-L-25 to 40 mm A36	--	150	0	2	
05-105	F-19	M	HEADER ASSY	FURNACE LSW/RSW INLET HEADER		1		601	FEC + PIPE + FEC
05-105	F-19		PIPE	PD 219.1 X 18.26-SA106GrC	4976	1	90	450	
05-105	F-19		NOZZLE	PD 168.3 X 16	250	2	15	30	
05-105	F-19		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-105	F-19		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-105	F-19		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-105	F-19		NIPPLE	TD 63.5 X 5.2	150	46	1	52	
05-105	F-19		NIPPLE	TD 63.5 X 5.2	150	7	1	8	
05-105	F-19		STUD	STUD DIA 8-L-25 to 40 mm A36	--	150	0	2	
05-205	F-16	M	HEADER ASSY	FURN LSW OUT HEADER		1		990	FEC with Inspn Nzl + PIPE + FEC with Inspn Nzl
05-205	F-16		PIPE	PD 273 X 23-SA106GrC	4976	1	142	705	
05-205	F-16		NOZZLE	PD 168.3 X 16	250	3	15	45	
05-205	F-16		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-205	F-16		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-205	F-16		HEADER FEC	FEC D 273 X 65	--	2	27	54	
05-205	F-16		NIPPLE	TD 63.5 X 5.2	150	51	1	57	
05-205	F-16		NIPPLE	TD 63.5 X 5.2	150	2	1	2	
05-205	F-16		STUD	STUD DIA 8-L-25 to 40 mm A36	--	150	0	2	
05-205	F-16		PAD PLATE	PLATE-12 X 250 X 250	--	6	6	36	
05-205	F-16		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	6	9	54	
05-205	F-21	M	HEADER ASSY	FURN LSW OUT HEADER		1		990	FEC with Inspn Nzl + PIPE + FEC with Inspn Nzl
05-205	F-21		PIPE	PD 273 X 23-SA106GrC	4976	1	142	705	
05-205	F-21		NOZZLE	PD 168.3 X 16	250	3	15	45	
05-205	F-21		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-205	F-21		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-205	F-21		HEADER FEC	FEC D 273 X 65	--	2	27	54	
05-205	F-21		NIPPLE	TD 63.5 X 5.2	150	51	1	57	
05-205	F-21		NIPPLE	TD 63.5 X 5.2	150	2	1	2	
05-205	F-21		STUD	STUD DIA 8-L-25 to 40 mm A36	--	150	0	2	
05-205	F-21		PAD PLATE	PLATE-12 X 250 X 250	--	6	6	36	
05-205	F-21		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	6	9	54	
05-106	F-24	M	HEADER ASSY	RETURN LEG-A/B FW INLET HEADER		1		268	ELBOW + PIPE + ELBOW
05-106	F-24		PIPE	PD 219.1 X 18.26-SA106GrC	1761.8	1	90	159	
05-106	F-24		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-106	F-24		INS NOZZLE	PD 127 X 20	250	1	13	13	
05-106	F-24		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
05-106	F-24		ELBOW	ELBOW D 219.1 X 18.26	--	2	31	62	
05-106	F-24		NIPPLE	TD 51 X 5	150	17	1	13	
05-106	F-24		NIPPLE	TD 51 X 5	150	2	1	2	
05-106	F-60	M	HEADER ASSY	RETURN LEG-A/B FW INLET HEADER		1		268	ELBOW + PIPE + ELBOW
05-106	F-60		PIPE	PD 219.1 X 18.26-SA106GrC	1761.8	1	90	159	
05-106	F-60		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-106	F-60		INS NOZZLE	PD 127 X 20	250	1	13	13	

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PGMA	CIRCIT	DESP UNIT	ITEM DESC	MATERIAL DESCRIPTION	SIZE (MM)	QTY	WT/UNIT	WT (Kg)	HEADER CONFIGURATION
05-106	F-60		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
05-106	F-60		ELBOW	ELBOW D 219.1 X 18.26	--	2	31	62	
05-106	F-60		NIPPLE	TD 51 X 5	150	17	1	13	
05-106	F-60		NIPPLE	TD 51 X 5	150	2	1	2	
05-106	F-31	M	HEADER ASSY	RETUREN LEG-A/B SIDE INLET HEADERS		1		241	FEC + PIPE + FEC
05-106	F-31		PIPE	PD 219.1 X 18.26-SA106GrC	1870.9	1	90	169	
05-106	F-31		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-106	F-31		INS NOZZLE	PD 127 X 20	250	1	13	13	
05-106	F-31		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
05-106	F-31		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-106	F-31		NIPPLE	TD 51 X 5	150	17	1	13	
05-106	F-31		NIPPLE	TD 51 X 5	150	1	1	1	
05-106	F-39	M	HEADER ASSY	RETUREN LEG-A/B SIDE INLET HEADERS		1		241	FEC + PIPE + FEC
05-106	F-39		PIPE	PD 219.1 X 18.26-SA106GrC	1870.9	1	90	169	
05-106	F-39		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-106	F-39		INS NOZZLE	PD 127 X 20	250	1	13	13	
05-106	F-39		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
05-106	F-39		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-106	F-39		NIPPLE	TD 51 X 5	150	17	1	13	
05-106	F-39		NIPPLE	TD 51 X 5	150	1	1	1	
05-106	F-65	M	HEADER ASSY	RETUREN LEG-A/B SIDE INLET HEADERS		1		241	FEC + PIPE + FEC
05-106	F-65		PIPE	PD 219.1 X 18.26-SA106GrC	1871	1	90	169	
05-106	F-65		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-106	F-65		INS NOZZLE	PD 127 X 20	250	1	13	13	
05-106	F-65		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
05-106	F-65		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-106	F-65		NIPPLE	TD 51 X 5	150	17	1	13	
05-106	F-65		NIPPLE	TD 51 X 5	150	1	1	1	
05-106	F-69	M	HEADER ASSY	RETUREN LEG-A/B SIDE INLET HEADERS		1		241	FEC + PIPE + FEC
05-106	F-69		PIPE	PD 219.1 X 18.26-SA106GrC	1870.9	1	90	169	
05-106	F-69		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-106	F-69		INS NOZZLE	PD 127 X 20	250	1	13	13	
05-106	F-69		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
05-106	F-69		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-106	F-69		NIPPLE	TD 51 X 5	150	17	1	13	
05-106	F-69		NIPPLE	TD 51 X 5	150	1	1	1	
05-207	F-26	M	HEADER ASSY	RETURN LEG -A/B FW OUT HEADER		1		417	FEC + PIPE + FEC
05-207	F-26		PIPE	PD 219.1 X 18.26-SA106GrC	3488.5	1	90	315	
05-207	F-26		NOZZLE	PD 127 X 20	250	1	13	13	
05-207	F-26		INS NOZZLE	PD 127 X 20	250	1	13	13	
05-207	F-26		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
05-207	F-26		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-207	F-26		STUD	STUD DIA 8-L-25 to 40 mm A36	--	105	0	1	
05-207	F-26		NIPPLE	TD 51 X 5	150	26	1	20	
05-207	F-26		NIPPLE	TD 51 X 5	150	5	1	4	
05-207	F-26		NIPPLE	TD 51 X 5	150	8	1	6	
05-207	F-26		NIPPLE	TD 51 X 5	150	2	1	2	
05-207	F-26		NIPPLE	TD 51 X 5	150	17	1	13	
05-207	F-62	M	HEADER ASSY	RETURN LEG -A/B FW OUT HEADER		1		417	FEC + PIPE + FEC
05-207	F-62		PIPE	PD 219.1 X 18.26-SA106GrC	3488.5	1	90	315	
05-207	F-62		NOZZLE	PD 127 X 20	250	1	13	13	
05-207	F-62		INS NOZZLE	PD 127 X 20	250	1	13	13	
05-207	F-62		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
05-207	F-62		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-207	F-62		STUD	STUD DIA 8-L-25 to 40 mm A36	--	105	0	1	
05-207	F-62		NIPPLE	TD 51 X 5	150	26	1	20	
05-207	F-62		NIPPLE	TD 51 X 5	150	5	1	4	
05-207	F-62		NIPPLE	TD 51 X 5	150	8	1	6	
05-207	F-62		NIPPLE	TD 51 X 5	150	2	1	2	
05-207	F-62		NIPPLE	TD 51 X 5	150	17	1	13	
05-216	F-28	M	HEADER ASSY	SEPARATOR-A/B FRONT OUTLET HEADER		1		1117	FEC with Inspn Nzl + PIPE + PIPE + FEC with Inspn Nzl
05-216	F-28		PIPE	PD 219.1 X 18.26-SA106GrC	9054	1	90	818	
05-216	F-28		NOZZLE	D 114.3 X 13.49	250	6	8	50	
05-216	F-28		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-216	F-28		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-216	F-28		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-216	F-28		NIPPLE	TD 51 X 4.5	150	74	1	57	
05-216	F-28		NIPPLE	TD 51 X 4.5	150	14	1	11	
05-216	F-28		PAD PLATE	PLATE-12 X 250 X 250	--	8	6	48	
05-216	F-28		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	8	9	72	
05-116	F-34	M	HEADER ASSY	SEPARATOR-A/B SIDE INLET HEADERS		1		190	FEC with Inspn Nzl + PIPE + FEC with Inspn Nzl
05-116	F-34		PIPE	PD 219.1 X 18.26-SA106GrC	1140	1	90	103	
05-116	F-34		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-116	F-34		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-116	F-34		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-116	F-34		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-116	F-34		NIPPLE	TD 51 X 4.5	150	9	1	7	
05-116	F-34		NIPPLE	TD 51 X 4.5	150	6	1	5	
05-116	F-34		STUD	STUD DIA 8-L-25 to 40 mm A36	--	36	0	0.42	
05-116	F-43	M	HEADER ASSY	SEPARATOR-A/B SIDE INLET HEADERS		1		190	FEC with Inspn Nzl + PIPE + FEC with Inspn Nzl

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PGMA	CIRCIT	DESP UNIT	ITEM DESC	MATERIAL DESCRIPTION	SIZE (MM)	QTY	WT/UNIT	WT (Kg)	HEADER CONFIGURATION
05-116	F-43		PIPE	PD 219.1 X 18.26-SA106GrC	1140	1	90	103	
05-116	F-43		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-116	F-43		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-116	F-43		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-116	F-43		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-116	F-43		NIPPLE	TD 51 X 4.5	150	9	1	7	
05-116	F-43		NIPPLE	TD 51 X 4.5	150	6	1	5	
05-116	F-43		STUD	STUD DIA 8-L-25 to 40 mm A36	--	36	0	0.42	
05-116	F-72	M	HEADER ASSY	SEPARATOR-A/B SIDE INLET HEADERS		1		190	FEC with Inspn Nzl + PIPE + FEC with Inspn Nzl
05-116	F-72		PIPE	PD 219.1 X 18.26-SA106GrC	1140	1	90	103	
05-116	F-72		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-116	F-72		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-116	F-72		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-116	F-72		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-116	F-72		NIPPLE	TD 51 X 4.5	150	9	1	7	
05-116	F-72		NIPPLE	TD 51 X 4.5	150	6	1	5	
05-116	F-72		STUD	STUD DIA 8-L-25 to 40 mm A36	--	36	0	0.42	
05-217	F-36	M	HEADER ASSY	SEPARATOR-A/B SIDE OUTLET HEADERS		1		422	FEC + PIPE + FEC
05-217	F-36		PIPE	PD 219.1 X 18.26-SA106GrC	3088.2	1	90	279	
05-217	F-36		NOZZLE	PD 114.3 X 14.49	250	2	8	17	
05-217	F-36		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-217	F-36		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-217	F-36		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-217	F-36		NIPPLE	TD 51 X 4.5	150	27	1	21	
05-217	F-36		PAD PLATE	PLATE-12 X 250 X 250	--	3	6	18	
05-217	F-36		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	3	9	27	
05-217	F-74	M	HEADER ASSY	SEPARATOR-A/B SIDE OUTLET HEADERS		1		422	FEC + PIPE + FEC
05-217	F-74		PIPE	PD 219.1 X 18.26-SA106GrC	3088.2	1	90	279	
05-217	F-74		NOZZLE	PD 114.3 X 14.49	250	2	8	17	
05-217	F-74		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-217	F-74		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-217	F-74		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-217	F-74		NIPPLE	TD 51 X 4.5	150	27	1	21	
05-217	F-74		PAD PLATE	PLATE-12 X 250 X 250	--	3	6	18	
05-217	F-74		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	3	9	27	
05-217	F-45	M	HEADER ASSY	SEPARATOR-A/B SIDE OUTLET HEADERS		1		313	FEC + PIPE + FEC
05-217	F-45		PIPE	PD 219.1 X 18.26-SA106GrC	1983	1	90	179	
05-217	F-45		NOZZLE	PD 114.3 X 14.49	250	2	8	17	
05-217	F-45		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-217	F-45		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-217	F-45		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-217	F-45		NIPPLE	TD 51 X 4.5	150	15	1	12	
05-217	F-45		PAD PLATE	PLATE-12 X 250 X 250	--	3	6	18	
05-217	F-45		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	3	9	27	
05-107	F-48	M	HEADER ASSY	RETURN LEG-A/B RW INLET HEADER		1		288	FEC + PIPE + FEC
05-107	F-48		PIPE	PD 219.1 X 18.26-SA106GrC	2368.7	1	90	214	
05-107	F-48		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-107	F-48		INS NOZZLE	PD 127 X 20	250	1	13	13	
05-107	F-48		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
05-107	F-48		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-107	F-48		NIPPLE	TD 51 X 4.5	150	20	1	15	
05-107	F-48		STUD	STUD DIA 8-L-25 to 40 mm A36	--	72	0	0.85	
05-107	F-78	M	HEADER ASSY	RETURN LEG-A/B RW INLET HEADER		1		288	FEC + PIPE + FEC
05-107	F-78		PIPE	PD 219.1 X 18.26-SA106GrC	2368.7	1	90	214	
05-107	F-78		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-107	F-78		INS NOZZLE	PD 127 X 20	250	1	13	13	
05-107	F-78		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
05-107	F-78		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-107	F-78		NIPPLE	TD 51 X 4.5	150	20	1	15	
05-107	F-78		STUD	STUD DIA 8-L-25 to 40 mm A36	--	72	0	0.85	
05-116	F-52	M	HEADER ASSY	SEPARATOR-A/B RW INLET HEADERS		1		170	FEC + PIPE + FEC
05-116	F-52		PIPE	PD 219.1 X 18.26-SA106GrC	1133.4	1	90	102	
05-116	F-52		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-116	F-52		INS NOZZLE	PD 127 X 20	250	1	13	13	
05-116	F-52		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
05-116	F-52		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-116	F-52		NIPPLE	TD 51 X 4.5	150	12	1	9	
05-116	F-82	M	HEADER ASSY	SEPARATOR-A/B RW INLET HEADERS		1		170	FEC + PIPE + FEC
05-116	F-82		PIPE	PD 219.1 X 18.26-SA106GrC	1133.4	1	90	102	
05-116	F-82		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-116	F-82		INS NOZZLE	PD 127 X 20	250	1	13	13	
05-116	F-82		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
05-116	F-82		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-116	F-82		NIPPLE	TD 51 X 4.5	150	12	1	9	
05-116	F-55	M	HEADER ASSY - 1/2	SEPARATOR-A/B RW INLET HEADERS		1		170	FEC + PIPE + FEC
05-116	F-55		PIPE	PD 219.1 X 18.26-SA106GrC	2237	1	90	202	
05-116	F-55		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-116	F-55		INS NOZZLE	PD 127 X 20	250	1	13	13	
05-116	F-55		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
05-116	F-55		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	

SECTION I E-2026OSB058-(Header PGMA wise Tentative Bill of material)

PGMA	CIRCIT	DESP UNIT	ITEM DESC	MATERIAL DESCRIPTION	SIZE (MM)	QTY	WT/UNIT	WT (Kg)	HEADER CONFIGURATION
05-116	F-55		NIPPLE	TD 51 X 4.5	150	24	1	18	
05-116	F-55	M	HEADER ASSY - 2/2	SEPARATOR-A/B RW INLET HEADERS		1		170	FEC + PIPE + FEC
05-116	F-55		PIPE	PD 219.1 X 18.26-SA106GrC	2237	1	90	202	
05-116	F-55		NOZZLE	PD 168.3 X 16	250	1	15	15	
05-116	F-55		INS NOZZLE	PD 127 X 20	250	1	13	13	
05-116	F-55		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
05-116	F-55		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-116	F-55		NIPPLE	TD 51 X 4.5	150	24	1	18	
05-218	F-57	M	HEADER ASSY	SEPARATOR-A/B RW OUTLET HEADER		1		1062	FEC with Inspn Nzl + PIPE + PIPE + FEC with Inspn Nzl
05-218	F-57		PIPE	PD 219.1 X 18.26-SA106GrC	8780	1	90	794	
05-218	F-57		NOZZLE	PD 114.3 X 14.49	250	6	8	50	
05-218	F-57		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-218	F-57		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-218	F-57		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
05-218	F-57		NIPPLE	TD 51 X 4.5	150	88	1	68	
05-218	F-57		PAD PLATE	PLATE-12 X 250 X 250	--	6	6	36	
05-218	F-57		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	6	9	54	
05-120	F-85	M	HEADER ASSY	ETB INLET HEADER		1		2515	PIPE + PIPE
05-120	F-85		PIPE	PD 406.4 X 25-SA106GrC	8280	1	235	1946	
05-120	F-85		NOZZLE	PD 127 X 20	250	2	13	26	
05-120	F-85		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-120	F-85		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-120	F-85		NIPPLE	TD 44.5 X 4.5	150	680	1	456	
05-220	F-87	M	HEADER ASSY	ETB OUTLET HEADER		1		2515	PIPE + PIPE
05-220	F-87		PIPE	PD 406.4 X 25-SA106GrC	8306	1	235	1952	
05-220	F-87		NOZZLE	PD 127 X 20	250	2	13	26	
05-220	F-87		INS NOZZLE	PD 127 X 20	250	2	13	26	
05-220	F-87		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
05-220	F-87		NIPPLE	TD 44.5 X 4.5	150	680	1	456	
10-101	S-02	M	HEADER ASSY	COD-A/B TOP INLET HEADERS		1		317	PIPE
10-101	S-02		PIPE	PD 219.1 X 18.26-SA106GrC	2300	1	90	208	
10-101	S-02		NOZZLE	PD 168.3 X 16	250	2	15	30	
10-101	S-02		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-101	S-02		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-101	S-02		NIPPLE	TD 51 X 4.5	150	18	0.77	14	
10-101	S-02		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-101	S-02		PAD PLATE	PLATE-12 X 250 X 250	--	3	6	18	
10-101	S-02		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	3	9	27	
10-101	S-13	M	HEADER ASSY	COD-A/B TOP INLET HEADERS		1		317	PIPE
10-101	S-13		PIPE	PD 219.1 X 18.26-SA106GrC	2300	1	90	208	
10-101	S-13		NOZZLE	PD 168.3 X 16	250	2	15	30	
10-101	S-13		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-101	S-13		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-101	S-13		NIPPLE	TD 51 X 4.5	150	18	0.77	14	
10-101	S-13		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-101	S-13		PAD PLATE	PLATE-12 X 250 X 250	--	3	6	18	
10-101	S-13		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	3	9	27	
10-110	S-04	M	HEADER ASSY	COD A/B INTER HEADERS		1		344	TEE with FEC + PIPE + TEE with FEC
10-110	S-04		PIPE	PD 219.1 X 18.26-SA106GrC	2300	1	90	208	
10-110	S-04		NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-04		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-04		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-110	S-04		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
10-110	S-04		TEE	TEE D 219.1 X 18.26		2	31	62	
10-110	S-04		NIPPLE	TD 51 X 4.5	150	18	0.77	14	
10-110	S-04		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-110	S-04		STUD	STUD DIA 8-L-25 to 40 mm A36	--	69	0	1	
10-110	S-08	M	HEADER ASSY	COD A/B INTER HEADERS		1		344	TEE with FEC + PIPE + TEE with FEC
10-110	S-08		PIPE	PD 219.1 X 18.26-SA106GrC	2300	1	90	208	
10-110	S-08		NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-08		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-08		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-110	S-08		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
10-110	S-08		TEE	TEE D 219.1 X 18.26		2	31	62	
10-110	S-08		NIPPLE	TD 51 X 4.5	150	18	0.77	14	
10-110	S-08		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-110	S-08		STUD	STUD DIA 8-L-25 to 40 mm A36	--	69	0	1	
10-110	S-15	M	HEADER ASSY	COD A/B INTER HEADERS		1		344	TEE with FEC + PIPE + TEE with FEC
10-110	S-15		PIPE	PD 219.1 X 18.26-SA106GrC	2300	1	90	208	
10-110	S-15		NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-15		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-15		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-110	S-15		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
10-110	S-15		TEE	TEE D 219.1 X 18.26		2	31	62	
10-110	S-15		NIPPLE	TD 51 X 4.5	150	18	0.77	14	
10-110	S-15		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-110	S-15		STUD	STUD DIA 8-L-25 to 40 mm A36	--	69	0	1	
10-110	S-19	M	HEADER ASSY	COD A/B INTER HEADERS		1		344	TEE with FEC + PIPE + TEE with FEC
10-110	S-19		PIPE	PD 219.1 X 18.26-SA106GrC	2300	1	90	208	
10-110	S-19		NOZZLE	PD 127 X 20	250	1	13	13	

SECTION I E-2026OSB058-(Header PGMA wise Tentative Bill of material)

PGMA	CIRCIT	DESP UNIT	ITEM DESC	MATERIAL DESCRIPTION	SIZE (MM)	QTY	WT/UNIT	WT (Kg)	HEADER CONFIGURATION
10-110	S-19		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-19		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-110	S-19		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
10-110	S-19		TEE	TEE D 219.1 X 18.26		2	31	62	
10-110	S-19		NIPPLE	TD 51 X 4.5	150	18	0.77	14	
10-110	S-19		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-110	S-19		STUD	STUD DIA 8-L-25 to 40 mm A36	--	69	0	1	
10-110	S-06	M	HEADER ASSY	COD A/B INTER HEADERS		1		344	TEE with FEC + PIPE + TEE with FEC
10-110	S-06		PIPE	PD 219.1 X 18.26-SA106GrC	2300	1	90	208	
10-110	S-06		NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-06		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-06		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-110	S-06		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
10-110	S-06		TEE	TEE D 219.1 X 18.26		2	31	62	
10-110	S-06		NIPPLE	TD 51 X 4.5	150	18	0.77	14	
10-110	S-06		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-110	S-06		STUD	STUD DIA 8-L-25 to 40 mm A36	--	69	0	1	
10-110	S-17	M	HEADER ASSY	COD A/B INTER HEADERS		1		344	TEE with FEC + PIPE + TEE with FEC
10-110	S-17		PIPE	PD 219.1 X 18.26-SA106GrC	2300	1	90	208	
10-110	S-17		NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-17		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-17		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-110	S-17		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
10-110	S-17		TEE	TEE D 219.1 X 18.26		2	31	62	
10-110	S-17		NIPPLE	TD 51 X 4.5	150	18	0.77	14	
10-110	S-17		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-110	S-17		STUD	STUD DIA 8-L-25 to 40 mm A36	--	69	0	1	
10-110	S-04	M	HEADER ASSY	COD A/B INTER HEADERS		1		259	PIPE
10-110	S-04		PIPE	PD 219.1 X 18.26-SA106GrC	2300	1	90	208	
10-110	S-04		NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-04		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-04		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-110	S-04		NIPPLE	TD 51 X 4.5	150	22	0.77	17	
10-110	S-04		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-110	S-04		STUD	STUD DIA 8-L-25 to 40 mm A36	--	72	0	1	
10-110	S-08	M	HEADER ASSY	COD A/B INTER HEADERS		1		259	PIPE
10-110	S-08		PIPE	PD 219.1 X 18.26-SA106GrC	2300	1	90	208	
10-110	S-08		NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-08		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-08		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-110	S-08		NIPPLE	TD 51 X 4.5	150	22	0.77	17	
10-110	S-08		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-110	S-08		STUD	STUD DIA 8-L-25 to 40 mm A36	--	72	0	1	
10-110	S-15	M	HEADER ASSY	COD A/B INTER HEADERS		1		259	PIPE
10-110	S-15		PIPE	PD 219.1 X 18.26-SA106GrC	2300	1	90	208	
10-110	S-15		NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-15		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-15		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-110	S-15		NIPPLE	TD 51 X 4.5	150	22	0.77	17	
10-110	S-15		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-110	S-15		STUD	STUD DIA 8-L-25 to 40 mm A36	--	72	0	1	
10-110	S-19	M	HEADER ASSY	COD A/B INTER HEADERS		1		259	PIPE
10-110	S-19		PIPE	PD 219.1 X 18.26-SA106GrC	2300	1	90	208	
10-110	S-19		NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-19		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-19		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-110	S-19		NIPPLE	TD 51 X 4.5	150	22	0.77	17	
10-110	S-19		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-110	S-19		STUD	STUD DIA 8-L-25 to 40 mm A36	--	72	0	1	
10-110	S-06	M	HEADER ASSY	COD A/B INTER HEADERS		1		289	PIPE
10-110	S-06		PIPE	PD 219.1 X 18.26-SA106GrC	2780	1	90	251	
10-110	S-06		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-06		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-110	S-06		NIPPLE	TD 51 X 4.5	150	22	0.77	17	
10-110	S-06		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-110	S-06		STUD	STUD DIA 8-L-25 to 40 mm A36	--	84	0	1	
10-110	S-17	M	HEADER ASSY	COD A/B INTER HEADERS		1		289	PIPE
10-110	S-06		PIPE	PD 219.1 X 18.26-SA106GrC	2780	1	90	251	
10-110	S-06		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-110	S-06		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-110	S-06		NIPPLE	TD 51 X 4.5	150	22	0.77	17	
10-110	S-06		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-110	S-06		STUD	STUD DIA 8-L-25 to 40 mm A36	--	84	0	1	
10-201	S-10	M	HEADER ASSY	COD-A/B OUTLET SIDE HEADERS		1		407	TEE with FEC + PIPE + TEE with FEC
10-201	S-10		PIPE	PD 219.1 X 18.26-SA106GrC	2780	1	90	251	
10-201	S-10		NOZZLE	PD 168.3 X 16	250	2	15	30	
10-201	S-10		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-201	S-10		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-201	S-10		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
10-201	S-10		TEE	TEE D 219.1 X 18.26	--	2	31	62	

SECTION I E-2026OSB058-(Header PGMA wise Tentative Bill of material)

PGMA	CIRCIT	DESP UNIT	ITEM DESC	MATERIAL DESCRIPTION	SIZE (MM)	QTY	WT/UNIT	WT (Kg)	HEADER CONFIGURATION
10-201	S-10		NIPPLE	TD 51 X 4.5	150	22	0.77	17	
10-201	S-10		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-201	S-10		STUD	STUD DIA 8-L-25 to 40 mm A36	--	84	0	1	
10-201	S-21	M	HEADER ASSY	COD-A/B OUTLET SIDE HEADERS		1		407	TEE with FEC + PIPE + TEE with FEC
10-201	S-21		PIPE	PD 219.1 X 18.26-SA106GrC	2780	1	90	251	
10-201	S-21		NOZZLE	PD 168.3 X 16	250	2	15	30	
10-201	S-21		INS NOZZLE	PD 127 X 20	250	1	13	13	
10-201	S-21		INZ NOZ FEC	FEC D 127 X 40	--	1	4	4	
10-201	S-21		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
10-201	S-21		TEE	TEE D 219.1 X 18.26	--	2	31	62	
10-201	S-21		NIPPLE	TD 51 X 4.5	150	22	0.77	17	
10-201	S-21		NIPPLE	TD 51 X 4.5	150	4	0.77	3	
10-201	S-21		STUD	STUD DIA 8-L-25 to 40 mm A36	--	84	0	1	
10-105	S-23	M	HEADER ASSY	CAGE SIDE INLET HEADERS		1		576	FEC with Inspn Nzl + PIPE + FEC with Inspn Nzl
10-105	S-23		PIPE	PD 219.1 X 18.26-SA106GrC	4372	1	90	395	
10-105	S-23		NOZZLE	PD 168.3 X 16	250	2	15	30	
10-105	S-23		INS NOZZLE	PD 127 X 20	250	2	13	26	
10-105	S-23		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
10-105	S-23		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
10-105	S-23		NIPPLE	TD 44.5 X 4.5	150	46	0.67	31	
10-105	S-23		PAD PLATE	PLATE-12 X 250 X 250	--	4	6	24	
10-105	S-23		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	4	9	36	
10-105	S-24	M	HEADER ASSY	CAGE SIDE INLET HEADERS		1		576	FEC with Inspn Nzl + PIPE + FEC with Inspn Nzl
10-105	S-24		PIPE	PD 219.1 X 18.26-SA106GrC	4372	1	90	395	
10-105	S-24		NOZZLE	PD 168.3 X 16	250	2	15	30	
10-105	S-24		INS NOZZLE	PD 127 X 20	250	2	13	26	
10-105	S-24		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
10-105	S-24		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
10-105	S-24		NIPPLE	TD 44.5 X 4.5	150	46	0.67	31	
10-105	S-24		PAD PLATE	PLATE-12 X 250 X 250	--	4	6	24	
10-105	S-24		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	4	9	36	
10-215	S-29	M	HEADER ASSY	CAGE FW INTER HEADER		1		954	FEC with Inspn Nzl + PIPE + PIPE+ FEC with Inspn Nzl
10-215	S-29		PIPE	PD 219.1 X 18.26-SA106GrC	8111	1	90	733	
10-215	S-29		NOZZLE	PD 168.3 X 16	250	4	15	60	
10-215	S-29		NOZZLE	D 114.3 X 13.49	250	4	8	34	
10-215	S-29		INS NOZZLE	PD 127 X 20	250	2	13	26	
10-215	S-29		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
10-215	S-29		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
10-215	S-29		NIPPLE	TD 44.5 X 4.5	150	84	0.67	56	
10-215	S-29		NIPPLE	TD 44.5 X 4.5	150	16	0.67	11	
10-215	S-32	M	HEADER ASSY	CAGE UPP FW OUT HEADER		1		1077	FEC with Inspn Nzl + PIPE + PIPE+ FEC with Inspn Nzl
10-215	S-32		PIPE	PD 219.1 X 18.26-SA106GrC	8111	1	90	733	
10-215	S-32		NOZZLE	PD 168.3 X 16	250	4	15	60	
10-215	S-32		NOZZLE	D 114.3 X 13.49	250	4	8	34	
10-215	S-32		INS NOZZLE	PD 127 X 20	250	2	13	26	
10-215	S-32		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
10-215	S-32		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
10-215	S-32		NIPPLE	TD 44.5 X 4.5	150	18	0.67	12	
10-215	S-32		NIPPLE	TD 38.1 X 4.5	150	86	0.56	48	
10-215	S-32		PAD PLATE	PLATE-12 X 250 X 250	--	8	6	48	
10-215	S-32		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	8	9	72	
10-216	S-34	M	HEADER ASSY	CAGE LOWER REAR HEADER		1		830	Open end
10-216	S-34		PIPE	PD 219.1 X 18.26-SA106GrC	7980	1	90	721	
10-216	S-34		NOZZLE	PD 127 X 20	250	2	13	26	
10-216	S-34		INS NOZZLE	PD 127 X 20	250	2	13	26	
10-216	S-34		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
10-216	S-34		NIPPLE	TD 38.1 X 4.5	150	86	0.56	48	
10-121	S-38	M	HEADER ASSY	SH INLET HEADER		1		920	Pipe+Pipe
10-121	S-38		PIPE	PD 273 X 15.09 -SA106GrC	7980	1	95.93	766	
10-121	S-38		NOZZLE	PD 127 X 20	250	2	13	26	
10-121	S-38		INS NOZZLE	PD 127 X 20	250	2	13	26	
10-121	S-38		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
10-121	S-38		NIPPLE	TD 38.1 X 4.5	150	168	0.56	94	
10-221	S-40	M	HEADER ASSY	SH OUTLET HEADER		1		1731	Flat End Cover with Insp Nozzle , Centre Tee
10-221	S-40		PIPE	PD 323.9 X 25.4 - SA335P12	7418	1	186.89	1386	
10-221	S-40		INS NOZZLE	PD 127 X 20	250	2	13	26	
10-221	S-40		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
10-221	S-40		HEADER FEC	FEC D 323.9 X 60	--	2	39.4	79	
10-221	S-40		TEE	TEE D 323.9 X 25.4	--	1	138	138	
10-221	S-40		NIPPLE	TD 38.1 X 4.5	150	168	0.56	94	
19-701	E-02	M	HEADER ASSY	ECO INLET HEADER		1		812	Flat End Cover with Insp Nozzle
19-701	E-02		PIPE	PD 219.1 X 18.26-SA106GrC	7580	1	90	685	
19-701	E-02		NOZZLE	PD 168.3 X 16	250	1	15	15	
19-701	E-02		INS NOZZLE	PD 127 X 20	250	2	13	26	
19-701	E-02		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
19-701	E-02		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
19-701	E-02		NIPPLE	TD 31.8 X 4	150	62	0.41	25	
19-701	E-02		NIPPLE	TD 31.8 X 4	150	63	0.41	26	
19-702	E-06	M	HEADER ASSY	ECO OUTLET HEADER		1		881	Flat End Cover with Insp Nozzle
19-702	E-06		PIPE	PD 219.1 X 18.26-SA106GrC	8280	1	90	749	

SECTION I E-2026OSB058-(Header PGMA wise Tentative Bill of material)

PGMA	CIRCIT	DESP UNIT	ITEM DESC	MATERIAL DESCRIPTION	SIZE (MM)	QTY	WT/UNIT	WT (Kg)	HEADER CONFIGURATION
19-702	E-06		NOZZLE	PD 168.3 X 16	250	1	15	15	
19-702	E-06		INS NOZZLE	PD 127 X 20	250	2	13	26	
19-702	E-06		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
19-702	E-06		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
19-702	E-06		NIPPLE	TD 38.1 x 5.59	150	43	0.67	29	
19-702	E-06		NIPPLE	TD 38.1 x 5.59	150	1	0.67	1	
19-702	E-06		NIPPLE	TD 38.1 x 5.59	150	42	0.67	28	
19-753	E-04	M	HEADER ASSY	ECO JUNCTION HEADER		1		920	Flat End Cover+PIPE+PIPE+Flat End Cover
19-753	E-04		PIPE	PD 219.1 X 18.26-SA106GrC	7580	1	90	685	
19-753	E-04		INS NOZZLE	PD 127 X 20	250	2	13	26	
19-753	E-04		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
19-753	E-04		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
19-753	E-04		NIPPLE	TD 38.1 X 5.59	150	39	0.67	26	
19-753	E-04		NIPPLE	TD 38.1 X 5.59	150	4	0.67	3	
19-753	E-04		NIPPLE	TD 31.8 X 4	150	63	0.41	26	
19-753	E-04		PAD PLATE	PLATE-12 X 250 X 250	--	8	6	48	
19-753	E-04		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	8	9	72	
19-763	E-04	M	HEADER ASSY	ECO JUNCTION HEADER		1		920	Flat End Cover+PIPE+PIPE+Flat End Cover
19-763	E-04		PIPE	PD 219.1 X 18.26-SA106GrC	7580	1	90	685	
19-763	E-04		INS NOZZLE	PD 127 X 20	250	2	13	26	
19-763	E-04		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
19-763	E-04		HEADER FEC	FEC D 219.1 X 45	--	2	13	26	
19-763	E-04		NIPPLE	TD 38.1 X 5.59	150	39	0.67	26	
19-763	E-04		NIPPLE	TD 38.1 X 5.59	150	4	0.67	3	
19-763	E-04		NIPPLE	TD 31.8 X 4	150	63	0.41	26	
19-763	E-04		PAD PLATE	PLATE-12 X 250 X 250	--	8	6	48	
19-763	E-04		LUG ON PAD PLATE	PLATE-16/20/36 MM THK	--	8	9	72	
10-115	S-27	M	HEADER ASSY-1/3	CAGE BOTTOM C HEADER		1		961	ELBOW+PIPE+PIPE+ELBOW
10-115	S-27		PIPE	PD 219.1 X 18.26-SA106GrC	7141	1	90	646	
10-115	S-27		ELBOW	ELBOW D 219.1 X 18.26		2	31	221	
10-115	S-27		INS NOZZLE	PD 127 X 20	250	2	13	26	
10-115	S-27		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
10-115	S-27		NIPPLE	TD 44.5 X 4.5	150	90	0.67	60.3	
10-115	S-27	M	HEADER ASSY-2/3	CAGE BOTTOM C HEADER		1		385	PIPE
10-115	S-27		PIPE	PD 219.1 X 18.26-SA106GrC	3565	1	90	322	
10-115	S-27		INS NOZZLE	PD 127 X 20	250	2	13	26	
10-115	S-27		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
10-115	S-27		NIPPLE	TD 44.5 X 4.5	150	43	0.67	28.81	
10-115	S-27	M	HEADER ASSY-3/3	CAGE BOTTOM C HEADER		1		385	PIPE
10-115	S-27		PIPE	PD 219.1 X 18.26-SA106GrC	3565	1	90	322	
10-115	S-27		INS NOZZLE	PD 127 X 20	250	2	13	26	
10-115	S-27		INZ NOZ FEC	FEC D 127 X 40	--	2	4	8	
10-115	S-27		NIPPLE	TD 44.5 X 4.5	150	43	0.67	28.81	