

DU_CODE	ITEM_NO	DRG_NO	LATEST REV	DIA	THK	RADIUS	R/D	DEG	ARM LENGTH L1	ARM LENGTH L2	PIPE DESCRIPTION	DEG	QTY	PIPE FIN_WT	SPEC	TYPE	TYPE
P7041180310033	33	0-80-310-04849	05	965	29	2896	3.0	89.400	4065	5747	PIPE BEND 89.4DEG R=2896 OD965X29 L=8600	89.4	1.000	5,756.582	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7042180310033	33	0-80-310-04849	05	965	29	2896	3.0	89.400	4065	5747	PIPE BEND 89.4DEG R=2896 OD965X29 L=8600	89.4	1.000	5,756.582	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7041180310034	34	0-80-310-04849	05	762	23	2286	3.0	45.000	1992	2886	PIPE BEND 45DEG R=2286 OD762X23 L=4780	45	1.000	2,003.537	P91	LOOSE BEND	LOOSE BEND
P7042180310034	34	0-80-310-04849	05	762	23	2286	3.0	45.000	1992	2886	PIPE BEND 45DEG R=2286 OD762X23 L=4780	45	1.000	2,003.537	P91	LOOSE BEND	LOOSE BEND
P7041180310035	35	0-80-310-04849	05	762	23	2286	3.0	89.400	3462	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7700	89.4	1.000	3,227.455	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7042180310035	35	0-80-310-04849	05	762	23	2286	3.0	89.400	3462	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7700	89.4	1.000	3,227.455	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7041180310036	36	0-80-310-04849	05	762	23	2286	3.0	90.000	2636	5195	PIPE BEND 90DEG R=2286 OD762X23 L=6850	90	1.000	2,871.177	P91	LOOSE BEND	LOOSE BEND
P7042180310036	36	0-80-310-04849	05	762	23	2286	3.0	90.000	2636	5195	PIPE BEND 90DEG R=2286 OD762X23 L=6850	90	1.000	2,871.177	P91	LOOSE BEND	LOOSE BEND
P7041180310037	37	0-80-310-04849	05	762	23	2286	3.0	89.400	3462	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7700	89.4	1.000	3,227.455	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7042180310037	37	0-80-310-04849	05	762	23	2286	3.0	89.400	3462	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7700	89.4	1.000	3,227.455	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7041180310038	38	0-80-310-04849	05	762	23	2286	3.0	89.400	3312	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7550	89.4	1.000	3,164.582	P91	LOOSE BEND	LOOSE BEND
P7042180310038	38	0-80-310-04849	05	762	23	2286	3.0	89.400	3312	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7550	89.4	1.000	3,164.582	P91	LOOSE BEND	LOOSE BEND
P7041180310039	39	0-80-310-04849	05	762	23	2286	3.0	89.400	2389	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=6627	89.4	1.000	2,777.707	P91	PIPE WITH 1 STUB	STUB DIA 50 TO DIA 92
P7042180310039	39	0-80-310-04849	05	762	23	2286	3.0	89.400	2389	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=6627	89.4	1.000	2,777.707	P91	PIPE WITH 1 STUB	STUB DIA 50 TO DIA 92
P7041180310040	40	0-80-310-04849	05	762	23	2286	3.0	90.600	2984	3973	PIPE BEND 90.6DEG R=2286 OD762X23 L=5952	90.6	1.000	2,494.781	P91	PIPE WITH CP & 1 STUB	CARRIER PLATE 4 NOS & STUB DIA 58
P7042180310040	40	0-80-310-04849	05	762	23	2286	3.0	90.600	2984	3973	PIPE BEND 90.6DEG R=2286 OD762X23 L=5952	90.6	1.000	2,494.781	P91	PIPE WITH CP & 1 STUB	CARRIER PLATE 4 NOS & STUB DIA 58
P7041180310041	41	0-80-310-04849	05	762	23	2286	3.0	85.000	2264	5204	PIPE BEND 85DEG R=2286 OD762X23 L=6670	85	1.000	2,795.730	P91	LOOSE BEND	LOOSE BEND
P7042180310041	41	0-80-310-04849	05	762	23	2286	3.0	85.000	2264	5204	PIPE BEND 85DEG R=2286 OD762X23 L=6670	85	1.000	2,795.730	P91	LOOSE BEND	LOOSE BEND
P7041180310042	42	0-80-310-04849	05	762	27	1143	1.5	89.400	2331	3847	PIPE BEND 89.4DEG R=1143 OD762X27 L=5700	89.4	1.000	2,789.466	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7042180310042	42	0-80-310-04849	05	762	27	1143	1.5	89.400	2331	3847	PIPE BEND 89.4DEG R=1143 OD762X27 L=5700	89.4	1.000	2,789.466	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7041180310043	43	0-80-310-04849	05	762	23	2286	3.0	45.000	1992	2886	PIPE BEND 45DEG R=2286 OD762X23 L=4780	45	1.000	2,003.537	P91	LOOSE BEND	LOOSE BEND
P7042180310043	43	0-80-310-04849	05	762	23	2286	3.0	45.000	1992	2886	PIPE BEND 45DEG R=2286 OD762X23 L=4780	45	1.000	2,003.537	P91	LOOSE BEND	LOOSE BEND
P7041180310044	44	0-80-310-04849	05	762	23	2286	3.0	89.400	3462	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7700	89.4	1.000	3,227.455	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7042180310044	44	0-80-310-04849	05	762	23	2286	3.0	89.400	3462	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7700	89.4	1.000	3,227.455	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7041180310045	45	0-80-310-04849	05	762	23	2286	3.0	90.000	2636	5195	PIPE BEND 90DEG R=2286 OD762X23 L=6850	90	1.000	2,871.177	P91	LOOSE BEND	LOOSE BEND
P7042180310045	45	0-80-310-04849	05	762	23	2286	3.0	90.000	2636	5195	PIPE BEND 90DEG R=2286 OD762X23 L=6850	90	1.000	2,871.177	P91	LOOSE BEND	LOOSE BEND
P7041180310046	46	0-80-310-04849	05	762	23	2286	3.0	89.400	3462	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7700	89.4	1.000	3,227.455	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7042180310046	46	0-80-310-04849	05	762	23	2286	3.0	89.400	3462	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7700	89.4	1.000	3,227.455	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7041180310047	47	0-80-310-04849	05	762	23	2286	3.0	89.400	3312	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7550	89.4	1.000	3,164.582	P91	LOOSE BEND	LOOSE BEND
P7042180310047	47	0-80-310-04849	05	762	23	2286	3.0	89.400	3312	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7550	89.4	1.000	3,164.582	P91	LOOSE BEND	LOOSE BEND
P7041180310048	48	0-80-310-04849	05	762	23	2286	3.0	89.400	2389	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=6627	89.4	1.000	2,777.707	P91	PIPE WITH 1 STUB	STUB DIA 50 TO DIA 92
P7042180310048	48	0-80-310-04849	05	762	23	2286	3.0	89.400	2389	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=6627	89.4	1.000	2,777.707	P91	PIPE WITH 1 STUB	STUB DIA 50 TO DIA 92
P7041180310049	49	0-80-310-04849	05	762	23	2286	3.0	90.600	3867	3973	PIPE BEND 90.6DEG R=2286 OD762X23 L=6835	90.6	1.000	2,864.890	P91	PIPE WITH CP & 1 STUB	CARRIER PLATE 4 NOS & STUB DIA 58
P7042180310049	49	0-80-310-04849	05	762	23	2286	3.0	90.600	3867	3973	PIPE BEND 90.6DEG R=2286 OD762X23 L=6835	90.6	1.000	2,864.890	P91	PIPE WITH CP & 1 STUB	CARRIER PLATE 4 NOS & STUB DIA 58
P7041180310050	50	0-80-310-04849	05	762	23	2286	3.0	85.000	2264	5204	PIPE BEND 85DEG R=2286 OD762X23 L=6670	85	1.000	2,795.730	P91	LOOSE BEND	LOOSE BEND
P7042180310050	50	0-80-310-04849	05	762	23	2286	3.0	85.000	2264	5204	PIPE BEND 85DEG R=2286 OD762X23 L=6670	85	1.000	2,795.730	P91	LOOSE BEND	LOOSE BEND
P7041180310051	51	0-80-310-04849	05	762	27	1143	1.5	89.400	2331	3847	PIPE BEND 89.4DEG R=1143 OD762X27 L=5700	89.4	1.000	2,789.466	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7042180310051	51	0-80-310-04849	05	762	27	1143	1.5	89.400	2331	3847	PIPE BEND 89.4DEG R=1143 OD762X27 L=5700	89.4	1.000	2,789.466	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7013180310034	34	0-80-310-04924	02	711	40	3500	4.9	89.500	4520	5890	PIPE BEND 89.5D R=3500 OD711.2X40 L=8938	89.5	1.000	5,917.850	P22	PIPE WITH CP	CARRIER PLATE 4 NOS
P7013180310036	36	0-80-310-04924	02	711	40	3500	4.9	89.500	4520	5890	PIPE BEND 89.5D R=3500 OD711.2X40 L=8938	89.5	1.000	5,917.850	P22	PIPE WITH CP	CARRIER PLATE 4 NOS
P7013180310040	40	0-80-310-04924	02	711	45	2100	3.0	45.000	1466	2026	PIPE BEND 45DEG R=2100 OD711.2X45 L=3402	45	1.000	2,515.099	P22	LOOSE BEND	LOOSE BEND
P7013180310041	41	0-80-310-04924	02	711	45	2100	3.0	45.000	1466	2026	PIPE BEND 45DEG R=2100 OD711.2X45 L=3402	45	1.000	2,515.099	P22	LOOSE BEND	LOOSE BEND
P7013180310042	42	0-80-310-04924	02	711	40	3500	4.9	90.000	3601	5871	PIPE BEND 90DEG R=3500 OD711.2X40 L=7969	90	1.000	5,276.275	P22	LOOSE BEND	LOOSE BEND
P7013180310043	43	0-80-310-04924	02	711	40	3500	4.9	90.000	3601	5871	PIPE BEND 90DEG R=3500 OD711.2X40 L=7969	90	1.000	5,276.275	P22	LOOSE BEND	LOOSE BEND
P7013180310075	29	0-80-310-04925	01	965	57	2800	2.9	89.500	3826	5146	PIPE BEND 89.5D R=2800 OD965X57 L=7794	89.5	1.000	9,945.144	P22	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7142180310034	34	0-80-310-05797	07	762	23	2286	3.0	45.000	1992	2886	PIPE BEND 45DEG R=2286 OD762X23 L=4780	45	1.000	2,003.537	P91	LOOSE BEND	LOOSE BEND
P7142180310035	35	0-80-310-05797	07	762	23	2286	3.0	89.400	3462	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7700	89.4	1.000	3,227.455	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7142180310036	36	0-80-310-05797	07	762	23	2286	3.0	90.000	2636	5195	PIPE BEND 90DEG R=2286 OD762X23 L=6850	90	1.000	2,871.177	P91	LOOSE BEND	LOOSE BEND
P7142180310037	37	0-80-310-05797	07	762	23	2286	3.0	89.400	3462	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7700	89.4	1.000	3,227.455	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7142180310038	38	0-80-310-05797	07	762	23	2286	3.0	89.400	3312	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=7550	89.4	1.000	3,164.582	P91	LOOSE BEND	LOOSE BEND
P7142180310039	39	0-80-310-05797	07	762	23	2286	3.0	89.400	2389	5195	PIPE BEND 89.4DEG R=2286 OD762X23 L=6627	89.4	1.000	2,777.707	P91	PIPE WITH 1 STUB	STUB DIA 50 TO DIA 92
P7142180310040	40	0-80-310-05797	07	762	23	2286	3.0	90.600	2984	3973	PIPE BEND 90.6DEG R=2286 OD762X23 L=5952	90.6	1.000	2,494.781	P91	PIPE WITH CP & 1 STUB	CARRIER PLATE 4 NOS & STUB DIA 58
P7142180310041	41	0-80-310-05797	07	762	23	2286	3.0	85.000	2264	5204	PIPE BEND 85DEG R=2286 OD762X23 L=6670	85	1.000	2,795.730</			

P7142180310051	51	0-80-310-05797	07	762	27	1143	1.5	89.400	2331	3847	PIPE BEND 89.4DEG R=1143 OD762X27 L=5700	89.4	1.000	2,789.466	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7133180310035	35	0-80-310-06076	01	762	45	1143	1.5	90.000	2343	2884	PIPE BEND 90 DEG R=1143 OD762X45 L=4736	90	1.000	3,768.198	P22	LOOSE BEND	LOOSE BEND
P7134180310035	35	0-80-310-06076	01	762	45	1143	1.5	90.000	2343	2884	PIPE BEND 90 DEG R=1143 OD762X45 L=4736	90	1.000	3,768.198	P22	LOOSE BEND	LOOSE BEND
P7133180310036	36	0-80-310-06076	01	762	40	2300	3.0	90.000	3048	4700	PIPE BEND 90 DEG R=2300 OD762X40 L=6761	90	1.000	4,815.049	P22	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7134180310036	36	0-80-310-06076	01	762	40	2300	3.0	90.000	3048	4700	PIPE BEND 90 DEG R=2300 OD762X40 L=6761	90	1.000	4,815.049	P22	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7133180310037	37	0-80-310-06076	01	762	40	2300	3.0	90.000	2300	4700	PIPE BEND 90 DEG R=2300 OD762X40 L=6013	90	1.000	4,282.338	P22	PIPE WITH CP	CARRIER PLATE 4 NOS
P7134180310037	37	0-80-310-06076	01	762	40	2300	3.0	90.000	2300	4700	PIPE BEND 90 DEG R=2300 OD762X40 L=6013	90	1.000	4,282.338	P22	PIPE WITH CP	CARRIER PLATE 4 NOS
P7133180310038	38	0-80-310-06076	01	762	45	1143	1.5	90.000	1198	3848	PIPE BEND 90 DEG R=1143 OD762X45 L=4555	90	1.000	3,624.186	P22	LOOSE BEND	LOOSE BEND
P7134180310038	38	0-80-310-06076	01	762	45	1143	1.5	90.000	1198	3848	PIPE BEND 90 DEG R=1143 OD762X45 L=4555	90	1.000	3,624.186	P22	LOOSE BEND	LOOSE BEND
P7133180310039	39	0-80-310-06076	01	762	40	2300	3.0	90.000	3487	4700	PIPE BEND 90 DEG R=2300 OD762X40 L=7200	90	1.000	5,127.696	P22	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7134180310039	39	0-80-310-06076	01	762	40	2300	3.0	90.000	3487	4700	PIPE BEND 90 DEG R=2300 OD762X40 L=7200	90	1.000	5,127.696	P22	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7133180310040	40	0-80-310-06076	01	762	40	2300	3.0	90.000	3487	4700	PIPE BEND 90 DEG R=2300 OD762X40 L=7200	90	1.000	5,127.696	P22	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7134180310040	40	0-80-310-06076	01	762	40	2300	3.0	90.000	3487	4700	PIPE BEND 90 DEG R=2300 OD762X40 L=7200	90	1.000	5,127.696	P22	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7169180310025	25	0-80-310-06244	00	711	25	2100	3.0	90.500	3009	4492	PIPEBEND 90.5 DEG R=2100 OD711X25 L=6581	90.5	1.000	2,783.237	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7169180310026	26	0-80-310-06244	00	711	25	2100	3.0	89.500	3000	4470	PIPEBEND 89.5 DEG R=2100 OD711X25 L=6587	89.5	1.000	2,785.774	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7169180310027	27	0-80-310-06244	00	711	25	2100	3.0	89.500	2898	4470	PIPEBEND 89.5 DEG R=2100 OD711X25 L=6485	89.5	1.000	2,742.636	P91	LOOSE BEND	LOOSE BEND
P7169180310028	28	0-80-310-06244	00	711	25	3200	4.5	89.500	4300	5600	PIPEBEND 89.5 DEG R=3200 OD711X25 L=8554	89.5	1.000	3,617.658	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7169180310029	29	0-80-310-06244	00	711	25	2100	3.0	89.500	2398	4470	PIPEBEND 89.5 DEG R=2100 OD711X25 L=5985	89.5	1.000	2,531.176	P91	LOOSE BEND	LOOSE BEND
P7169180310030	30	0-80-310-06244	00	711	25	3200	4.5	90.000	3400	5600	PIPEBEND 90 DEG R=3200 OD711X25 L=7627	90	1.000	3,225.611	P91	LOOSE BEND	LOOSE BEND
P7169180310031	31	0-80-310-06244	00	711	25	3200	4.5	89.500	4250	5600	PIPEBEND 89.5 DEG R=3200 OD711X25 L=8504	89.5	1.000	3,596.512	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7169180310032	32	0-80-310-06244	00	711	25	2100	3.0	45.000	1927	2098	PIPEBEND 45 DEG R=2100 OD711X25 L=3934	45	1.000	1,663.767	P91	LOOSE BEND	LOOSE BEND
P7169180310033	33	0-80-310-06244	00	711	25	2100	3.0	90.500	3009	4492	PIPEBEND 90.5 DEG R=2100 OD711X25 L=6581	90.5	1.000	2,783.237	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7169180310034	34	0-80-310-06244	00	711	25	2100	3.0	89.500	3000	4470	PIPEBEND 89.5 DEG R=2100 OD711X25 L=6587	89.5	1.000	2,785.774	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7169180310035	35	0-80-310-06244	00	711	25	2100	3.0	89.500	2898	4470	PIPEBEND 89.5 DEG R=2100 OD711X25 L=6485	89.5	1.000	2,742.636	P91	LOOSE BEND	LOOSE BEND
P7169180310036	36	0-80-310-06244	00	711	25	3200	4.5	89.500	4300	5600	PIPEBEND 89.5 DEG R=3200 OD711X25 L=8554	89.5	1.000	3,617.657	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7169180310037	37	0-80-310-06244	00	711	25	2100	3.0	89.500	2398	4470	PIPEBEND 89.5 DEG R=2100 OD711X25 L=5985	89.5	1.000	2,531.176	P91	LOOSE BEND	LOOSE BEND
P7169180310038	38	0-80-310-06244	00	711	25	3200	4.5	90.000	3400	5600	PIPEBEND 90 DEG R=3200 OD711X25 L=7627	90	1.000	3,225.611	P91	LOOSE BEND	LOOSE BEND
P7169180310039	39	0-80-310-06244	00	711	25	3200	4.5	89.500	4250	5600	PIPEBEND 89.5 DEG R=3200 OD711X25 L=8504	89.5	1.000	3,596.512	P91	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7169180310040	40	0-80-310-06244	00	711	25	2100	3.0	45.000	1927	2098	PIPEBEND 45 DEG R=2100 OD711X25 L=3934	45	1.000	1,663.767	P91	LOOSE BEND	LOOSE BEND
P7169180310061	18	0-80-310-06245	00	711	30	1067	1.5	89.500	2120	3440	PIPE BEND 89.5DEG R=1067 OD711X30 L=5111	89.5	1.000	2,575.688	P91	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7169180310062	19	0-80-310-06245	00	711	30	1067	1.5	89.500	2120	3440	PIPE BEND 89.5DEG R=1067 OD711X30 L=5111	89.5	1.000	2,575.688	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7169180310063	20	0-80-310-06245	00	711	30	1067	1.5	30.000	346	2660	PIPE BEND 30DEG R=1067 OD711X30 L=2993	30	1.000	1,508.322	P91	LOOSE BEND	LOOSE BEND
P7169180310064	21	0-80-310-06245	00	711	30	1067	1.5	30.000	346	2660	PIPE BEND 30DEG R=1067 OD711X30 L=2993	30	1.000	1,508.322	P91	LOOSE BEND	LOOSE BEND
P7169180310065	22	0-80-310-06245	00	914	32	3200	3.5	89.500	4250	5260	PIPE BEND 89.5DEG R=3200 OD914X32 L=8524	89.5	1.000	5,932.704	P91	LOOSE BEND	LOOSE BEND
P7169180310066	23	0-80-310-06245	00	914	32	3200	3.5	90.000	4250	5620	PIPE BEND 90DEG R=3200 OD914X32 L=8497	90	1.000	5,913.912	P91	LOOSE BEND	LOOSE BEND
P7169180310067	24	0-80-310-06245	00	914	32	3200	3.5	89.500	4250	5620	PIPE BEND 89.5DEG R=3200 OD914X32 L=8524	89.5	1.000	5,932.704	P91	LOOSE BEND	LOOSE BEND
P7169180310068	25	0-80-310-06245	00	914	32	2800	3.1	89.500	4250	5500	PIPE BEND 89.5DEG R=2800 OD914X32 L=8572	89.5	1.000	5,966.112	P91	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7169180310069	26	0-80-310-06245	00	711	30	1067	1.5	90.000	1316	2570	PIPE BEND 90DEG R=1067 OD711X30 L=3428	90	1.000	1,727.541	P91	PIPE WITH 4 STUB	STUB DIA 58 TO DIA 88
P7151180310033	33	0-80-310-06292	03	762	29	2286	3.0	89.400	4065	5747	PIPE BEND 89.4DEG R=2286 OD965X35 L=8600	89.4	1.000	6,903.048	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7151180310034	34	0-80-310-06292	03	762	29	2286	3.0	45.000	1992	2886	PIPE BEND 45DEG R=2286 OD762X29 L=4780	45	1.000	2,505.676	P91	LOOSE BEND	LOOSE BEND
P7151180310035	35	0-80-310-06292	03	762	29	2286	3.0	89.400	3462	4695	PIPE BEND89.4DEG R=2286 OD762X29 L=7200	89.4	1.000	3,774.240	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7151180310036	36	0-80-310-06292	03	762	29	2286	3.0	90.000	2636	4845	PIPE BEND 90DEG R=2286 OD762X29 L=6500	90	1.000	3,407.300	P91	LOOSE BEND	LOOSE BEND
P7151180310037	37	0-80-310-06292	03	762	29	2286	3.0	89.400	3462	4695	PIPE BEND89.4DEG R=2286 OD762X29 L=7200	89.4	1.000	3,774.240	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7151180310038	38	0-80-310-06292	03	762	29	2286	3.0	89.400	3312	4845	PIPE BEND89.4DEG R=2286 OD762X29 L=7200	89.4	1.000	3,774.240	P91	LOOSE BEND	LOOSE BEND
P7151180310039	39	0-80-310-06292	03	762	29	2286	3.0	89.400	2389	4845	PIPE BEND 89.4DEG R=2286 OD762X29 L=6277	89.4	1.000	3,290.403	P91	PIPE WITH 1 STUB	STUB DIA 50 TO DIA 92
P7151180310040	40	0-80-310-06292	03	762	29	2286	3.0	90.600	2984	3973	PIPE BEND 90.6DEG R=2286 OD762X29 L=5952	90.6	1.000	3,120.038	P91	PIPE WITH CP & 1 STUB	CARRIER PLATE 4 NOS & STUB DIA 58
P7151180310041	41	0-80-310-06292	03	762	29	2286	3.0	85.000	2264	4854	PIPE BEND 85DEG R=2286 OD762X29 L=6320	85	1.000	3,312.944	P91	LOOSE BEND	LOOSE BEND
P7151180310042	42	0-80-310-06292	03	762	29	1143	1.5	89.400	2331	2504	PIPE BEND 89.4DEG R=1143 OD762X32 L=4357	89.4	1.000	2,509.893	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7151180310043	43	0-80-310-06292	03	762	29	2286	3.0	45.000	1992	2886	PIPE BEND 45DEG R=2286 OD762X29 L=4780	45	1.000	2,505.676	P91	LOOSE BEND	LOOSE BEND
P7151180310044	44	0-80-310-06292	03	762	29	2286	3.0	89.400	3462	4695	PIPE BEND89.4DEG R=2286 OD762X29 L=7200	89.4	1.000	3,774.240	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7151180310045	45	0-80-310-06292	03	762	29	2286	3.0	90.000	2636	4845	PIPE BEND 90DEG R=2286 OD762X29 L=6500	90	1.000	3,407.300	P91	LOOSE BEND	LOOSE BEND
P7151180310046	46	0-80-310-06292	03	762	29	2286	3.0	89.400	3462	4695	PIPE BEND89.4DEG R=2286 OD762X29 L=7200	89.4	1.000	3,774.240	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7151180310047	47	0-80-310-06292	03	762	29	2286	3.0	89.400	3312	4845	PIPE BEND89.4DEG R=2286 OD762X29 L=7200	89.4	1.000	3,774.240	P91	LOOSE BEND	LOOSE BEND
P7151180310048	48	0-80-310-06292	03	762	29	2286	3.0	89.400	2389	4845	PIPE BEND 89.4DEG R=2286 OD762X29 L=6277	89.4	1.000	3,290.403	P91	PIPE WITH 1 STUB	STUB DIA 50 TO DIA 92
P7151180310049	49	0-80-310-06292	03	762	29	2286	3.0	90.600	2828	3973	PIPE BEND 90.6DEG R=2286 OD762X29 L=5796	90.6	1.000	3,038.263	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7151180310050	50	0-80-310-06292	03	762	29	2286	3.0	85.000	2301	4854	PIPE BEND 85DEG R=2286 OD762X29 L=6357	85	1.000	3,332.339	P91	LOOSE BEND	LOOSE BEND
P7151180310051	51	0-80-310-06292	03	762	32	1143	1.5	89.400	2331	2504	PIPE BEND 89.4DEG R=1143 OD762X32 L=4357	89.4	1.000	2,509.893	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7135180310032	32	0-80-310-06424	01	813	52	2400	3.0	90.000	3580	5050	PIPE BEND 90 DEG R=2400 OD813X52 L=7600	90	1.000	7,416.384	P91	LOOSE BEND	LOOSE BEND
P7136180310032	32	0-80-310-06424	01	813	52	2400	3.0	90.000	3580	5050	PIPE BEND 90 DEG R=2400 OD813X52 L=7600	90	1.000	7,416.384	P91	LOOSE BEND	LOOSE BEND
P7135180310033	33	0-80-310-06424	01	813													

P7042180312034	34	0-80-312-04851	03	711 25	1067 1.5	90.000	1618	3891	PIPE BEND 90D R1067 711.0 X 25.0 L=5051	90	1.000	2,136.169	P91	PIPE WITH CP & 1 STUB	CARRIER PLATE 4 NOS & STUB DIA 88
P7042180312035	35	0-80-312-04851	03	711 25	1067 1.5	90.000	1100	3891	PIPE BEND 90D R1067 711.0 X 25.0 L=4533	90	1.000	1,917.096	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7102180312011	11	0-80-312-06246	02	711 52	1067 1.5	90.000	1620	2338	PIPE BEND 90DEG R=1067 OD711X52 L=3500	90	1.000	2,957.500	P91	LOOSE BEND	LOOSE BEND
P7103180312011	11	0-80-312-06246	02	711 52	1067 1.5	90.000	1620	2338	PIPE BEND 90DEG R=1067 OD711X52 L=3500	90	1.000	2,957.500	P91	LOOSE BEND	LOOSE BEND
P7102180312012	12	0-80-312-06246	02	711 52	1067 1.5	90.000	1603	5541	PIPE BEND 90DEG R=1067 OD711X52 L=6686	90	1.000	5,649.670	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7103180312012	12	0-80-312-06246	02	711 52	1067 1.5	90.000	1603	5541	PIPE BEND 90DEG R=1067 OD711X52 L=6686	90	1.000	5,649.670	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7102180312013	13	0-80-312-06246	02	711 52	1067 1.5	90.000	1675	2117	PIPE BEND 90DEG R=1067 OD711X52 L=3334	90	1.000	2,817.230	P91	LOOSE BEND	LOOSE BEND
P7103180312013	13	0-80-312-06246	02	711 52	1067 1.5	90.000	1675	2117	PIPE BEND 90DEG R=1067 OD711X52 L=3334	90	1.000	2,817.230	P91	LOOSE BEND	LOOSE BEND
P7102180312014	14	0-80-312-06246	02	711 52	1067 1.5	90.000	1675	1681	PIPE BEND 90DEG R=1067 OD711X52 L=2898	90	1.000	2,448.810	P91	LOOSE BEND	LOOSE BEND
P7103180312014	14	0-80-312-06246	02	711 52	1067 1.5	90.000	1675	1681	PIPE BEND 90DEG R=1067 OD711X52 L=2898	90	1.000	2,448.810	P91	LOOSE BEND	LOOSE BEND
P7102180312015	15	0-80-312-06246	02	711 52	1067 1.5	90.000	1681	2117	PIPE BEND 90DEG R=1067 OD711X52 L=3340	90	1.000	2,822.300	P91	LOOSE BEND	LOOSE BEND
P7103180312015	15	0-80-312-06246	02	711 52	1067 1.5	90.000	1681	2117	PIPE BEND 90DEG R=1067 OD711X52 L=3340	90	1.000	2,822.300	P91	LOOSE BEND	LOOSE BEND
P7102180312016	16	0-80-312-06246	02	711 52	1067 1.5	90.000	1098	4881	PIPE BEND 90DEG R=1067 OD711X52 L=5521	90	1.000	4,665.245	P91	LOOSE BEND	LOOSE BEND
P7103180312016	16	0-80-312-06246	02	711 52	1067 1.5	90.000	1098	4881	PIPE BEND 90DEG R=1067 OD711X52 L=5521	90	1.000	4,665.245	P91	LOOSE BEND	LOOSE BEND
P7102180312017	17	0-80-312-06246	02	711 52	1067 1.5	90.000	1067	4009	PIPE BEND 90DEG R=1067 OD711X52 L=4618	90	1.000	3,902.210	P91	LOOSE BEND	LOOSE BEND
P7103180312017	17	0-80-312-06246	02	711 52	1067 1.5	90.000	1067	4009	PIPE BEND 90DEG R=1067 OD711X52 L=4618	90	1.000	3,902.210	P91	LOOSE BEND	LOOSE BEND
P7102180312018	18	0-80-312-06246	02	711 52	1067 1.5	90.000	1067	5276	PIPE BEND 90DEG R=1067 OD711X52 L=5885	90	1.000	4,972.825	P91	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7103180312018	18	0-80-312-06246	02	711 52	1067 1.5	90.000	1067	5276	PIPE BEND 90DEG R=1067 OD711X52 L=5885	90	1.000	4,972.825	P91	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7102180312019	19	0-80-312-06246	02	711 52	1067 1.5	90.000	1067	5541	PIPE BEND 90DEG R=1067 OD711X52 L=6150	90	1.000	5,196.750	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7103180312019	19	0-80-312-06246	02	711 52	1067 1.5	90.000	1067	5541	PIPE BEND 90DEG R=1067 OD711X52 L=6150	90	1.000	5,196.750	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7102180312020	20	0-80-312-06246	02	711 52	1067 1.5	90.000	1067	1600	PIPE BEND 90DEG R=1067 OD711X52 L=2209	90	1.000	1,866.605	P91	LOOSE BEND	LOOSE BEND
P7103180312020	20	0-80-312-06246	02	711 52	1067 1.5	90.000	1067	1600	PIPE BEND 90DEG R=1067 OD711X52 L=2209	90	1.000	1,866.605	P91	LOOSE BEND	LOOSE BEND
P7102180312021	21	0-80-312-06246	02	711 52	1067 1.5	90.000	1067	1231	PIPE BEND 90DEG R=1067 OD711X52 L=1840	90	1.000	1,554.800	P91	LOOSE BEND	LOOSE BEND
P7103180312021	21	0-80-312-06246	02	711 52	1067 1.5	90.000	1067	1231	PIPE BEND 90DEG R=1067 OD711X52 L=1840	90	1.000	1,554.800	P91	LOOSE BEND	LOOSE BEND
P7102180312022	22	0-80-312-06246	02	711 52	1067 1.5	90.000	1067	2267	PIPE BEND 90DEG R=1067 OD711X52 L=2876	90	1.000	2,430.220	P91	LOOSE BEND	LOOSE BEND
P7103180312022	22	0-80-312-06246	02	711 52	1067 1.5	90.000	1067	2267	PIPE BEND 90DEG R=1067 OD711X52 L=2876	90	1.000	2,430.220	P91	LOOSE BEND	LOOSE BEND
P7102180312023	23	0-80-312-06246	02	711 52	1067 1.5	90.000	1067	1675	PIPE BEND 90DEG R=1067 OD711X52 L=2284	90	1.000	1,929.980	P91	LOOSE BEND	LOOSE BEND
P7103180312023	23	0-80-312-06246	02	711 52	1067 1.5	90.000	1067	1675	PIPE BEND 90DEG R=1067 OD711X52 L=2284	90	1.000	1,929.980	P91	LOOSE BEND	LOOSE BEND
P7102180312024	24	0-80-312-06246	02	711 52	1067 1.5	90.000	1675	1696	PIPE BEND 90DEG R=1067 OD711X52 L=2913	90	1.000	2,461.485	P91	LOOSE BEND	LOOSE BEND
P7103180312024	24	0-80-312-06246	02	711 52	1067 1.5	90.000	1675	1696	PIPE BEND 90DEG R=1067 OD711X52 L=2913	90	1.000	2,461.485	P91	LOOSE BEND	LOOSE BEND
P7102180312025	25	0-80-312-06246	02	711 52	1067 1.5	90.000	1667	1800	PIPE BEND 90DEG R=1067 OD711X52 L=3009	90	1.000	2,542.605	P91	LOOSE BEND	LOOSE BEND
P7103180312025	25	0-80-312-06246	02	711 52	1067 1.5	90.000	1667	1800	PIPE BEND 90DEG R=1067 OD711X52 L=3009	90	1.000	2,542.605	P91	LOOSE BEND	LOOSE BEND
P7102180312026	26	0-80-312-06246	02	711 52	1067 1.5	90.000	1831	5541	PIPE BEND 90DEG R=1067 OD711X52 L=6914	90	1.000	5,842.330	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7103180312026	26	0-80-312-06246	02	711 52	1067 1.5	90.000	1831	5541	PIPE BEND 90DEG R=1067 OD711X52 L=6914	90	1.000	5,842.330	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7102180312028	28	0-80-312-06246	02	711 52	1067 1.5	90.000	1620	2400	PIPE BEND 90DEG R=1067 OD711X52 L=3562	90	1.000	3,009.890	P91	PIPE WITH 5 STUB	STUB DIA 58 TO DIA 126
P7103180312028	28	0-80-312-06246	02	711 52	1067 1.5	90.000	1620	2400	PIPE BEND 90DEG R=1067 OD711X52 L=3562	90	1.000	3,009.890	P91	PIPE WITH 5 STUB	STUB DIA 58 TO DIA 126
P7041180320013	14	0-80-320-04852	04	965 47	1448 1.5	90.000	1500	1700	PIPEBEND 90DEG R1448 OD965X47 L=2579	90	1.000	2,743.798	P22	LOOSE BEND	LOOSE BEND
P7042180320013	14	0-80-320-04852	04	965 47	1448 1.5	90.000	1500	1700	PIPEBEND 90DEG R1448 OD965X47 L=2579	90	1.000	2,743.798	P22	LOOSE BEND	LOOSE BEND
P7041180320014	15	0-80-320-04852	04	965 47	1448 1.5	90.000	1698	1998	PIPEBEND 90DEG R1448 OD965X47 L=3075	90	1.000	3,271.493	P22	PIPE WITH CP	CARRIER PLATE 4 NOS
P7042180320014	15	0-80-320-04852	04	965 47	1448 1.5	90.000	1698	1998	PIPEBEND 90DEG R1448 OD965X47 L=3075	90	1.000	3,271.493	P22	PIPE WITH CP	CARRIER PLATE 4 NOS
P7042180320015	16	0-80-320-04852	04	965 42	2700 2.8	90.600	3000	3498	PIPEBEND 90.6DEG R2700 OD965X42 L=5311	90.6	1.000	5,077.157	P22	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7041180320016	17	0-80-320-04852	04	965 47	1448 1.5	90.000	1973	4070	PIPEBEND 90DEG R1448 OD965X47 L=5422	90	1.000	5,768.466	P22	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7042180320016	17	0-80-320-04852	04	965 47	1448 1.5	90.000	1973	4070	PIPEBEND 90DEG R1448 OD965X47 L=5422	90	1.000	5,768.466	P22	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7013180320063	07	0-80-320-04948	02	864 42	1295 1.5	90.000	2345	3811	PIPE BEND 90D R=1295 OD 864X42 L=5600	90	1.000	4,767.840	P22	LOOSE BEND	LOOSE BEND
P7169180320060	17	0-80-320-06237	00	864 42	1295 1.5	90.000	2345	3811	PIPE BEND 90D R=1295 OD864X42 L=5600	90	1.000	4,767.840	P22	LOOSE BEND	LOOSE BEND
P7136180301049	49	1-80-301-18518	00	524 72	1500 2.9	89.400	2858	3870	PIPE BEND 89.4DEG;R=1500 ID380X72;L=6100	89.4	1.000	5,507.385	P91	LOOSE BEND	LOOSE BEND
P7136180301050	50	1-80-301-18518	00	524 72	1500 2.9	89.400	2733	3995	PIPE BEND 89.4DEG;R=1500 ID380X72;L=6100	89.4	1.000	5,507.385	P91	LOOSE BEND	LOOSE BEND
P7136180301051	51	1-80-301-18518	00	524 72	1500 2.9	90.000	2874	3870	PIPE BEND 90DEG;R=1500 ID380X72;L=6100	90	1.000	5,507.385	P91	LOOSE BEND	LOOSE BEND
P7136180301052	52	1-80-301-18518	00	524 72	1500 2.9	89.400	2858	3870	PIPE BEND 89.4DEG;R=1500 ID380X72;L=6100	89.4	1.000	5,507.385	P91	LOOSE BEND	LOOSE BEND
P7136180301053	53	1-80-301-18518	00	524 72	1500 2.9	89.400	3858	3870	PIPE BEND 89.4DEG;R=1500 ID380X72 L=6100	89.4	1.000	5,507.385	P91	LOOSE BEND	LOOSE BEND
P7136180301054	54	1-80-301-18518	00	524 72	1500 2.9	90.000	2874	3870	PIPE BEND 90DEG;R=1500 ID380X72;L=6100	90	1.000	5,507.385	P91	LOOSE BEND	LOOSE BEND
P7136180301055	55	1-80-301-18518	00	524 72	1500 2.9	89.400	2858	3870	PIPE BEND 89.4DEG;R=1500 ID380X72;L=6100	89.4	1.000	5,507.385	P91	LOOSE BEND	LOOSE BEND
P7136180301056	56	1-80-301-18518	00	524 72	1500 2.9	89.400	2317	5995	PIPE BEND 89.4DEG;R=1500 ID380X72;L=5684	89.4	1.000	5,131.799	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7136180301057	57	1-80-301-18518	00	524 72	1500 2.9	45.000	621	621	PIPE BEND 45DEG; R=1500 ID380X72; L=1177	45	1.000	1,062.654	P91	LOOSE BEND	LOOSE BEND
P7136180301058	58	1-80-301-18518	00	524 72	1500 2.9	90.000	1499	2417	PIPE BEND 90DEG; R=1500 ID380X72; L=3272	90	1.000	2,954.125	P91	LOOSE BEND	LOOSE BEND
P7136180301059	59	1-80-301-18518	00	524 72	1500 2.9	30.000	403	2088	PIPE BEND 30DEG; R=1500 ID380X72; L=2473	30	1.000	2,232.748	P91	LOOSE BEND	LOOSE BEND
P7136180301060	60	1-80-301-18518	00	524 72	1500 2.9	89.400	1500	3964	PIPE BEND 89.4DEG;R=1500 ID380X72;L=4836	89.4	1.000	4,366.183	P		

P7136180301067	67	1-80-301-18518	00	524	72	1500	2.9	89.400	3035	3693	PIPE BEND 89.4DEG;R=1500 ID380X72;L=6100	89.4	1.000	5,507.385	P91	LOOSE BEND	LOOSE BEND
P7136180301068	68	1-80-301-18518	00	524	72	1500	2.9	89.400	2858	3817	PIPE BEND 89.4DEG;R=1500 ID380X72;L=6047	89.4	1.000	5,459.534	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7136180301069	69	1-80-301-18518	00	524	72	1500	2.9	45.000	621	621	PIPE BEND 45DEG;R=1500 ID380X72;L=1177	45	1.000	1,062.654	P91	LOOSE BEND	LOOSE BEND
P7136180301070	70	1-80-301-18518	00	524	72	1500	2.9	90.000	1499	4017	PIPE BEND 90DEG;R=1500 ID380X72;L=4872	90	1.000	4,398.685	P91	LOOSE BEND	LOOSE BEND
P7136180301071	71	1-80-301-18518	00	524	72	1500	2.9	30.000	403	2088	PIPE BEND 30DEG;R=1500 ID380X72;L=2473	30	1.000	2,232.748	P91	LOOSE BEND	LOOSE BEND
P7136180301072	72	1-80-301-18518	00	524	72	1500	2.9	89.400	1500	3964	PIPE BEND 89.4DEG;R=1500 ID380X72;L=4836	89.4	1.000	4,366.183	P91	PIPE WITH 1 STUB	STUB DIA 50 TO DIA 92
P7136180301073	73	1-80-301-18518	00	524	72	1300	2.5	90.000	1617	3995	PIPE BEND 90DEG;R=1300 ID380X72;L=5054	90	1.000	4,563.004	P91	LOOSE BEND	LOOSE BEND
P7136180301074	74	1-80-301-18518	00	524	72	1300	2.5	90.000	1753	3995	PIPE BEND 90DEG;R=1300 ID380X72;L=5190	90	1.000	4,685.792	P91	PIPE WITH 1 STUB	STUB DIA 50 TO DIA 92
P7136180301075	75	1-80-301-18518	00	524	72	1300	2.5	90.000	1753	4178	PIPE BEND 90DEG;R=1300 ID380X72;L=5373	90	1.000	4,851.013	P91	LOOSE BEND	LOOSE BEND
P7136180301076	76	1-80-301-18518	00	524	72	1300	2.5	90.000	1617	4178	PIPE BEND 90DEG;R=1300 ID380X72;L=5237	90	1.000	4,728.225	P91	LOOSE BEND	LOOSE BEND
P7042180310069	15	1-80-310-16802	06	965	29	2896	3.0	90.000	4096	5747	PIPEBEND 90DEG R2896 OD965.OX29 L=8601	90	1.000	5,757.251	P91	LOOSE BEND	LOOSE BEND
P7042180310069	15	1-80-310-16802	06	965	29	2896	3.0	90.000	4096	5747	PIPEBEND 90DEG R2896 OD965.OX29 L=8601	90	1.000	5,757.251	P91	LOOSE BEND	LOOSE BEND
P7041180310070	16	1-80-310-16802	06	965	29	2896	3.0	89.400	4066	5747	PIPEBEND 89.4DEG R2896 OD965.OX29 L=8600	89.4	1.000	5,756.582	P91	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7042180310070	16	1-80-310-16802	06	965	29	2896	3.0	89.400	4066	5747	PIPEBEND 89.4DEG R2896 OD965.OX29 L=8600	89.4	1.000	5,756.582	P91	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7041180310071	17	1-80-310-16802	06	965	29	2896	3.0	89.400	4547	5266	PIPEBEND 89.4DEG R2896 OD965.OX29 L=8600	89.4	1.000	5,756.582	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7042180310071	17	1-80-310-16802	06	965	29	2896	3.0	89.400	4547	5266	PIPEBEND 89.4DEG R2896 OD965.OX29 L=8600	89.4	1.000	5,756.582	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7041180310072	18	1-80-310-16802	06	762	27	1143	1.5	89.400	1731	3848	PIPEBEND 89.4DEG R1143 OD762.OX27 L=5101	89.4	1.000	2,496.327	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7042180310072	18	1-80-310-16802	06	762	27	1143	1.5	89.400	1731	3848	PIPEBEND 89.4DEG R1143 OD762.OX27 L=5101	89.4	1.000	2,496.327	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7041180310073	19	1-80-310-16802	06	762	27	1143	1.5	30.000	646	3200	PIPEBEND 30DEG R1143 OD762.OX27 L=3833	30	1.000	1,875.794	P91	LOOSE BEND	LOOSE BEND
P7042180310073	19	1-80-310-16802	06	762	27	1143	1.5	30.000	646	3200	PIPEBEND 30DEG R1143 OD762.OX27 L=3833	30	1.000	1,875.794	P91	LOOSE BEND	LOOSE BEND
P7041180310074	20	1-80-310-16802	06	762	27	1143	1.5	90.000	1236	2678	PIPEBEND 90DEG R1143 OD762.OX27 L=3424	90	1.000	1,675.637	P91	PIPE WITH 5 STUB	STUB DIA 58 TO DIA 126
P7042180310074	20	1-80-310-16802	06	762	27	1143	1.5	90.000	1236	2678	PIPEBEND 90DEG R1143 OD762.OX27 L=3424	90	1.000	1,675.637	P91	PIPE WITH 5 STUB	STUB DIA 58 TO DIA 126
P7041180310075	21	1-80-310-16802	06	762	27	1143	1.5	89.400	1731	3848	PIPEBEND 89.4DEG R1143 OD762.OX27 L=5101	89.4	1.000	2,496.327	P91	PIPE WITH 2 TRUNNIONS	TRUNNION 4 NOS
P7042180310075	21	1-80-310-16802	06	762	27	1143	1.5	89.400	1731	3848	PIPEBEND 89.4DEG R1143 OD762.OX27 L=5101	89.4	1.000	2,496.327	P91	PIPE WITH 2 TRUNNIONS	TRUNNION 4 NOS
P7041180310080	29	1-80-310-16802	06	762	27	1143	1.5	30.000	646	1500	PIPEBEND 30DEG R1143 OD762.OX27 L=2133	30	1.000	1,043.848	P91	LOOSE BEND	LOOSE BEND
P7042180310080	29	1-80-310-16802	06	762	27	1143	1.5	30.000	646	1500	PIPEBEND 30DEG R1143 OD762.OX27 L=2133	30	1.000	1,043.848	P91	LOOSE BEND	LOOSE BEND
P7142180310073	18	1-80-310-17318	05	762	27	1143	1.5	89.400	1731	3848	PIPEBEND 89.4DEG R1143 OD762.OX27 L=5101	89.4	1.000	2,496.327	P91	PIPE WITH CP & 1 STUB	CARRIER PLATE 4 NOS & STUB DIA 58
P7142180310074	19	1-80-310-17318	05	762	27	1143	1.5	30.000	646	3200	PIPEBEND 30DEG R1143 OD762.OX27 L=3833	30	1.000	1,875.794	P91	LOOSE BEND	LOOSE BEND
P7142180310075	20	1-80-310-17318	05	762	27	1143	1.5	90.000	1236	2678	PIPEBEND 90DEG R1143 OD762.OX27 L=3424	90	1.000	1,675.637	P91	PIPE WITH 5 STUB	STUB DIA 58 TO DIA 126
P7142180310076	21	1-80-310-17318	05	762	27	1143	1.5	89.400	1731	3246	PIPEBEND 89.4DEG R1143 OD762.OX27 L=5101	89.4	1.000	2,496.327	P91	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7142180310081	29	1-80-310-17318	05	762	27	1143	1.5	30.000	646	1500	PIPEBEND 30DEG R1143 OD762.OX27 L=2133	30	1.000	1,043.848	P91	LOOSE BEND	LOOSE BEND
P7103180310027	25	1-80-310-17499	02	711	46	2100	3.0	90.000	3736	4365	PIPE BEND 90DEG;R=2100 OD711X46;L=7200	90	1.000	5,431.320	P91	LOOSE BEND	LOOSE BEND
P7103180310028	26	1-80-310-17499	02	711	46	2100	3.0	89.400	3714	4366	PIPE BEND 89.4DEG;R=2100 OD711X46;L=7200	89.4	1.000	5,431.320	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7102180310029	27	1-80-310-17499	02	711	52	2100	3.0	89.400	3741	4339	PIPE BEND 89.4DEG;R=2100 OD711X52;L=7200	89.4	1.000	6,084.000	P91	PIPE WITH TRUNNION & 1 STUB	TRUNNION 2 NOS & STUB DIA 58
P7103180310029	27	1-80-310-17499	02	711	52	2100	3.0	89.400	3741	4339	PIPE BEND 89.4DEG;R=2100 OD711X52;L=7200	89.4	1.000	6,084.000	P91	PIPE WITH TRUNNION & 1 STUB	TRUNNION 2 NOS & STUB DIA 58
P7103180310030	28	1-80-310-17499	02	711	46	2100	3.0	35.000	1716	4025	PIPE BEND 35DEG;R=2100 OD711X46;L=5700	35	1.000	4,299.795	P91	LOOSE BEND	LOOSE BEND
P7102180310031	29	1-80-310-17499	02	711	52	2100	3.0	89.400	3618	4462	PIPE BEND 89.4 DEG;R=2100 D711X52;L=7200	89.4	1.000	6,084.000	P91	LOOSE BEND	LOOSE BEND
P7103180310031	29	1-80-310-17499	02	711	52	2100	3.0	89.400	3618	4462	PIPE BEND 89.4 DEG;R=2100 D711X52;L=7200	89.4	1.000	6,084.000	P91	LOOSE BEND	LOOSE BEND
P7102180310032	30	1-80-310-17499	02	711	52	2100	3.0	90.000	3736	4365	PIPE BEND 90DEG;R=2100 OD711X52;L=7200	90	1.000	6,084.000	P91	LOOSE BEND	LOOSE BEND
P7103180310032	30	1-80-310-17499	02	711	52	2100	3.0	90.000	3736	4365	PIPE BEND 90DEG;R=2100 OD711X52;L=7200	90	1.000	6,084.000	P91	LOOSE BEND	LOOSE BEND
P7102180310033	31	1-80-310-17499	02	711	52	2100	3.0	89.400	3714	4366	PIPE BEND 89.4DEG;R2100 OD711X52;L=7200	89.4	1.000	6,084.000	P91	LOOSE BEND	LOOSE BEND
P7103180310033	31	1-80-310-17499	02	711	52	2100	3.0	89.400	3714	4366	PIPE BEND 89.4DEG;R2100 OD711X52;L=7200	89.4	1.000	6,084.000	P91	LOOSE BEND	LOOSE BEND
P7103180310034	32	1-80-310-17499	02	711	46	2100	3.0	45.000	2544	3346	PIPE BEND 45DEG;R=2100 OD711X46;L=5800	45	1.000	4,375.230	P91	LOOSE BEND	LOOSE BEND
P7103180310035	33	1-80-310-17499	02	711	46	2100	3.0	90.000	3736	4365	PIPE BEND 90DEG;R=2100 OD711X46;L=7200	90	1.000	5,431.320	P91	LOOSE BEND	LOOSE BEND
P7103180310036	34	1-80-310-17499	02	711	46	2100	3.0	89.400	3714	4366	PIPE BEND 89.4DEG;R2100 OD711X46;L=7200	89.4	1.000	5,431.320	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7102180310037	35	1-80-310-17499	02	711	52	2100	3.0	89.400	3741	4339	PIPE BEND 89.4DEG;R=2100 OD711X52;L=7200	89.4	1.000	6,084.000	P91	PIPE WITH TRUNNION & 1 STUB	TRUNNION 2 NOS & STUB DIA 58
P7103180310037	35	1-80-310-17499	02	711	52	2100	3.0	89.400	3741	4339	PIPE BEND 89.4DEG;R=2100 OD711X52;L=7200	89.4	1.000	6,084.000	P91	PIPE WITH TRUNNION & 1 STUB	TRUNNION 2 NOS & STUB DIA 58
P7103180310038	36	1-80-310-17499	02	711	46	2100	3.0	35.000	1716	4025	PIPE BEND 35DEG;R=2100 OD711X46;L=5700	35	1.000	4,299.795	P91	LOOSE BEND	LOOSE BEND
P7102180310039	37	1-80-310-17499	02	711	52	2100	3.0	89.400	3618	4462	PIPE BEND 89.4 DEG;R=2100 D711X52;L=7200	89.4	1.000	6,084.000	P91	LOOSE BEND	LOOSE BEND
P7103180310039	37	1-80-310-17499	02	711	52	2100	3.0	89.400	3618	4462	PIPE BEND 89.4 DEG;R=2100 D711X52;L=7200	89.4	1.000	6,084.000	P91	LOOSE BEND	LOOSE BEND
P7102180310040	38	1-80-310-17499	02	711	52	2100	3.0	90.000	3736	4365	PIPE BEND 90DEG;R=2100 OD711X52;L=7200	90	1.000	6,084.000	P91	LOOSE BEND	LOOSE BEND
P7103180310040	38	1-80-310-17499	02	711	52	2100	3.0	90.000	3736	4365	PIPE BEND 90DEG;R=2100 OD711X52;L=7200	90	1.000	6,084.000	P91	LOOSE BEND	LOOSE BEND
P7102180310041	39	1-80-310-17499	02	711	52	2100	3.0	89.400	3714	4366	PIPE BEND 89.4DEG;R=2100 OD711X52;L=7200	89.4	1.000	6,084.000	P91	LOOSE BEND	LOOSE BEND
P7103180310041	39	1-80-310-17499	02	711	52	2100	3.0	89.400	3714	4366	PIPE BEND 89.4DEG;R=2100 OD711X52;L=7200	89.4	1.000	6,084.000	P91	LOOSE BEND	LOOSE BEND
P7103180310042	40	1-80-310-17499	02	711	46	2100	3.0	45.000	2544	3346	PIPE BEND 45DEG;R=2100 OD711X46;L=5800	45	1.000	4,375.230	P91	LOOSE BEND	LOOSE BEND
P7103180310068	21	1-80-310-17500	01	864	55	2600	3.0	89.400	4050	5250	PIPE BEND 89.4DEG;R=2600 OD864X55;L=8211	89.4	1.000	9,009.109	P91	LOOSE BEND	LOOSE BEND
P7103180310069	22	1-80-310-17500	01	864	55	2600	3.0	90.000	4066	5250	PIPE BEND 90 DEG;R=2600 OD864X55;L=8200	90	1.000	8,997.040	P91	LOOSE BEND	LOOSE BEND
P7103180310070	23	1-80-310-17500	01	864	55	2600	3.0	89.400	4050	5250	PIPE BEND 89.4DEG;R=2600 OD864X55;L=8211	89.4	1.000	9,009.109	P91	LOOSE BEND	LOOSE BEND
P7103180310071	24	1-80-310-17500	01	864	55	2600	3.0	90.600	4093								

P7103180310076	29	1-80-310-17500	01	711 46	2100	3.0	30.000	2088	3738	PIPE BEND 30DEG;R=2100 OD711X46;L=5800	30	1.000	4,375.230	P91	LOOSE BEND	LOOSE BEND
P7151180310069	15	1-80-310-18406	02	965 35	2896	3.0	90.000	4096	5747	PIPEBEND 90DEG R2896 OD965.0X35 L=8601	90	1.000	6,903.851	P91	LOOSE BEND	LOOSE BEND
P7151180310070	16	1-80-310-18406	02	965 35	2896	3.0	89.400	4066	5747	PIPEBEND 89.4DEG R2896 OD965.0X35 L=8600	89.4	1.000	6,903.048	P91	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7151180310071	17	1-80-310-18406	02	965 35	2896	3.0	89.400	4547	5266	PIPEBEND 89.4DEG R2896 OD965.0X35 L=8600	89.4	1.000	6,903.048	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7151180310072	18	1-80-310-18406	02	762 32	1143	1.5	89.400	1731	3848	PIPEBEND 89.4DEG R1143 OD762.0X32 L=5101	89.4	1.000	2,938.482	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7151180310073	19	1-80-310-18406	02	762 32	1143	1.5	30.000	646	2400	PIPEBEND 30DEG R1143 OD762.0X32 L=3032	30	1.000	1,746.614	P91	LOOSE BEND	LOOSE BEND
P7151180310074	20	1-80-310-18406	02	762 32	1143	1.5	90.000	1236	2678	PIPEBEND 90DEG R1143 OD762.0X32 L=3424	90	1.000	1,972.429	P91	PIPE WITH 5 STUBS	STUB DIA 58 TO DIA 126
P7151180310075	21	1-80-310-18406	02	762 32	1143	1.5	89.400	1731	3848	PIPEBEND 89.4DEG R1143 OD762.0X32 L=5101	89.4	1.000	2,938.482	P91	PIPE WITH 2 TRUNNIONS	TRUNNION 4 NOS
P7151180310080	29	1-80-310-18406	02	762 32	1143	1.5	30.000	646	1500	PIPEBEND 30DEG R1143 OD762.0X32 L=2133	30	1.000	1,228.736	P91	LOOSE BEND	LOOSE BEND
P7149180310029	29	1-80-310-18547	00	711 46	2100	3.0	90.000	3300	4800	PIPE BEND 90DEG;R=2100 OD711X46;L=7199	90	1.000	5,430.566	P91	LOOSE BEND	LOOSE BEND
P7149180310030	30	1-80-310-18547	00	711 46	2100	3.0	89.400	4000	4078	PIPE BEND 89.4DEG;R=2100,OD711X46;L=7198	89.4	1.000	5,429.811	P91	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7149180310031	31	1-80-310-18547	00	711 46	2100	3.0	89.400	3642	4438	PIPE BEND 89.4DEG;R=2100 OD711X46;L=7200	89.4	1.000	5,431.320	P91	LOOSE BEND	LOOSE BEND
P7149180310032	32	1-80-310-18547	00	711 46	2100	3.0	89.400	3970	4108	PIPE BEND 89.4DEG;R=2100 OD711X46;L=7198	89.4	1.000	5,429.811	P91	PIPE WITH 1 STUB	STUB DIA 50 TO DIA 92
P7149180310033	33	1-80-310-18547	00	711 46	2100	3.0	89.400	3970	4108	PIPE BEND 89.4DEG;R=2100 OD711X46;L=7198	89.4	1.000	5,429.811	P91	LOOSE BEND	LOOSE BEND
P7149180310034	34	1-80-310-18547	00	711 46	2100	3.0	90.000	3300	4800	PIPE BEND 90DEG;R=2100 OD711X46;L=7199	90	1.000	5,430.566	P91	LOOSE BEND	LOOSE BEND
P7149180310035	35	1-80-310-18547	00	711 46	2100	3.0	89.400	2288	4780	PIPE BEND 89.4DEG;R=2100 OD711X46;L=6188	89.4	1.000	4,667.918	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7149180310036	36	1-80-310-18547	00	711 46	2100	3.0	45.000	1000	2639	PIPE BEND 45DEG;R=2100 OD711X46;L=3549	45	1.000	2,677.188	P91	LOOSE BEND	LOOSE BEND
P7149180310037	37	1-80-310-18547	00	711 46	2100	3.0	90.000	3300	4800	PIPE BEND 90DEG;R=2100 OD711X46;L=7199	90	1.000	5,430.566	P91	LOOSE BEND	LOOSE BEND
P7149180310038	38	1-80-310-18547	00	711 46	2100	3.0	89.400	4000	4078	PIPE BEND 89.4DEG;R=2100 OD711X46;L=7198	89.4	1.000	5,429.811	P91	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7149180310039	39	1-80-310-18547	00	711 46	2100	3.0	89.400	3642	4438	PIPE BEND 89.4DEG;R=2100 OD711X46;L=7200	89.4	1.000	5,431.320	P91	LOOSE BEND	LOOSE BEND
P7149180310040	40	1-80-310-18547	00	711 46	2100	3.0	89.400	3970	4108	PIPE BEND 89.4DEG;R=2100 OD711X46;L=7198	89.4	1.000	5,429.811	P91	PIPE WITH 1 STUB	STUB DIA 50 TO DIA 92
P7149180310041	41	1-80-310-18547	00	711 46	2100	3.0	89.400	3970	4108	PIPE BEND 89.4DEG;R=2100 OD711X46;L=7198	89.4	1.000	5,429.811	P91	LOOSE BEND	LOOSE BEND
P7149180310042	42	1-80-310-18547	00	711 46	2100	3.0	90.000	3300	4800	PIPE BEND 90DEG;R=2100 OD711X46;L=7199	90	1.000	5,430.566	P91	LOOSE BEND	LOOSE BEND
P7149180310043	43	1-80-310-18547	00	711 46	2100	3.0	89.400	2408	4780	PIPE BEND 89.4DEG;R=2100 OD711X46;L=6308	89.4	1.000	4,758.440	P91	PIPE WITH CP	CARRIER PLATE 4 NOS
P7149180310044	44	1-80-310-18547	00	711 46	2100	3.0	45.000	1000	2639	PIPE BEND 45DEG;R=2100 OD711X46;L=3549	45	1.000	2,677.188	P91	LOOSE BEND	LOOSE BEND
P7149180310070	20	1-80-310-18548	00	864 55	2600	3.0	89.400	3113	5000	PIPE BEND 89.4DEG;R=2600 OD864X55;L=7024	89.4	1.000	7,706.733	P91	LOOSE BEND	LOOSE BEND
P7149180310071	21	1-80-310-18548	00	864 55	2600	3.0	90.000	4316	5000	PIPE BEND 90 DEG;R=2600 OD864X55;L=8200	90	1.000	8,997.040	P91	LOOSE BEND	LOOSE BEND
P7149180310072	22	1-80-310-18548	00	864 55	2600	3.0	89.400	4289	5000	PIPE BEND 89.4DEG;R=2600 OD864X55;L=8200	89.4	1.000	8,997.040	P91	LOOSE BEND	LOOSE BEND
P7149180310073	23	1-80-310-18548	00	864 55	2600	3.0	90.600	4343	5000	PIPE BEND 90.6DEG;R=2600 OD864X55;L=8200	90.6	1.000	8,997.040	P91	LOOSE BEND	LOOSE BEND
P7149180310074	24	1-80-310-18548	00	864 55	2600	3.0	90.000	4316	5000	PIPE BEND 90 DEG;R=2600 OD864X55;L=8200	90	1.000	8,997.040	P91	LOOSE BEND	LOOSE BEND
P7149180310075	25	1-80-310-18548	00	711 46	2100	3.0	89.400	4162	5000	PIPE BEND 89.4DEG;R=2100 OD711X46;L=7200	89.4	1.000	5,431.320	P91	LOOSE BEND	LOOSE BEND
P7149180310076	26	1-80-310-18548	00	711 46	2100	3.0	30.000	3485	3485	PIPE BEND 30DEG;R=2100 OD711X46;L=6199	30	1.000	4,676.216	P91	LOOSE BEND	LOOSE BEND
P7149180310077	27	1-80-310-18548	00	711 46	2100	3.0	89.400	4344	4344	PIPE BEND 89.4DEG;R=2100 OD711X46;L=7200	89.4	1.000	5,431.320	P91	PIPE WITH TRUNNION	TRUNNION 2 NOS
P7149180310078	28	1-80-310-18548	00	711 46	2100	3.0	30.000	3640	3640	PIPE BEND 30DEG;R=2100 OD711X46;L=5700	30	1.000	4,299.795	P91	LOOSE BEND	LOOSE BEND
P7041180311005	05	1-80-311-15543	04	762 27	1143	1.5	30.000	1506	4208	PIPEBEND 30DEG R1143 OD762X27 L=5701	30	1.000	2,789.955	P91	LOOSE BEND	LOOSE BEND
P7042180311005	05	1-80-311-15543	04	762 27	1143	1.5	30.000	1506	4208	PIPEBEND 30DEG R1143 OD762X27 L=5701	30	1.000	2,789.955	P91	LOOSE BEND	LOOSE BEND
P7041180311006	06	1-80-311-15543	04	762 27	1143	1.5	89.400	1392	3848	PIPEBEND 89.4 DEG R1143 OD762X27 L=4762	89.4	1.000	2,330.428	P91	PIPE WITH CP & 4 STUB	CARRIER PLATE 4 NOS, STUB DIA 40 TO DIA 135
P7042180311006	06	1-80-311-15543	04	762 27	1143	1.5	89.400	1392	3848	PIPEBEND 89.4 DEG R1143 OD762X27 L=4762	89.4	1.000	2,330.428	P91	PIPE WITH CP & 4 STUB	CARRIER PLATE 4 NOS, STUB DIA 40 TO DIA 135
P7041180311007	07	1-80-311-15543	04	762 27	1143	1.5	30.000	350	4208	PIPEBEND 30DEG R1143 OD 762X27 L=4545	30	1.000	2,224.230	P91	LOOSE BEND	LOOSE BEND
P7042180311007	07	1-80-311-15543	04	762 27	1143	1.5	30.000	350	4208	PIPEBEND 30DEG R1143 OD 762X27 L=4545	30	1.000	2,224.230	P91	LOOSE BEND	LOOSE BEND
P7041180311008	08	1-80-311-15543	04	762 27	1143	1.5	89.400	1348	3848	PIPEBEND 89.4DEG R1143 OD762X27 L=4718	89.4	1.000	2,308.900	P91	PIPE WITH CP & 5 STUB	CARRIER PLATE 4 NOS, STUB DIA 40 TO DIA 135
P7042180311008	08	1-80-311-15543	04	762 27	1143	1.5	89.400	1348	3848	PIPEBEND 89.4DEG R1143 OD762X27 L=4718	89.4	1.000	2,308.900	P91	PIPE WITH CP & 5 STUB	CARRIER PLATE 4 NOS, STUB DIA 40 TO DIA 135
P7142180311005	05	1-80-311-17320	00	762 27	1143	1.5	30.000	1506	4208	PIPEBEND 30DEG R1143 OD762X27 L=5701	30	1.000	2,789.955	P91	LOOSE BEND	LOOSE BEND
P7142180311006	06	1-80-311-17320	00	762 27	1143	1.5	89.400	1392	3848	PIPEBEND 89.4DEG R1143 OD762X27 L=4762	89.4	1.000	2,330.428	P91	PIPE WITH CP & 4 STUB	CARRIER PLATE 4 NOS, STUB DIA 40 TO DIA 135
P7142180311007	07	1-80-311-17320	00	762 27	1143	1.5	30.000	350	4208	PIPEBEND 30DEG R1143 OD 762X27 L=4545	30	1.000	2,224.230	P91	LOOSE BEND	LOOSE BEND
P7142180311008	08	1-80-311-17320	00	762 27	1143	1.5	89.400	1348	3848	PIPEBEND 89.4DEG R1143 OD762X27 L=4718	89.4	1.000	2,308.900	P91	PIPE WITH CP & 5 STUB	CARRIER PLATE 4 NOS, STUB DIA 40 TO DIA 135
P7169180311005	05	1-80-311-18272	00	711 30	1067	1.5	30.000	1081	2681	PIPE BEND 30 DEG R=1067 OD 711X30 L=3749	30	1.000	1,889.309	P91	LOOSE BEND	LOOSE BEND
P7169180311006	06	1-80-311-18272	00	711 30	1067	1.5	30.000	398	2681	PIPE BEND 30 DEG R=1067 OD 711X30 L=3066	30	1.000	1,545.111	P91	LOOSE BEND	LOOSE BEND
P7169180311007	07	1-80-311-18272	00	711 30	1067	1.5	90.000	2117	3441	PIPE BEND 90 DEG R=1067 OD 711X30 L=5100	90	1.000	2,570.145	P91	PIPE WITH CP & 5 STUB	CARRIER PLATE 4 NOS, STUB DIA 40 TO DIA 135
P7169180311008	08	1-80-311-18272	00	711 30	1067	1.5	90.000	1600	3441	PIPE BEND 90 DEG R=1067 OD 711X30 L=4583	90	1.000	2,309.603	P91	PIPE WITH CP & 5 STUB	CARRIER PLATE 4 NOS, STUB DIA 40 TO DIA 135
P7102180312027		0-80-312-06246	02	711 52	1067	1.5	90.000	1607	2267	PIPE BEND 90DEG R=1067 OD711X52 L=3416	90	1.000	2,886.520	P91	LOOSE BEND	LOOSE BEND
P7103180312027		0-80-312-06246	02	711 52	1067	1.5	90.000	1607	2267	PIPE BEND 90DEG R=1067 OD711X52 L=3416	90	1.000	2,886.520	P91	LOOSE BEND	LOOSE BEND