



Reference List



Oxidation reactors & crystallizers for PTA

WN	Country	Description	Dimensions	Thickness	Material	Client	Plant / License	Operation	Code	Year
	Belgium	Oxidation Reactor	5700 mm x 9000 mm	56 mm	TI-GR1	Amoco BP	PTA 2	Yes	ASME	1990
8044	USA	Oxidation Reactor	6518 mm x 10000 mm	56 mm	TI-GR1	Amoco BP	---	Yes	ASME	1993
8017	China	Oxidation Reactor and Crystallisers	6518 mm x 10000 mm	56 mm	TI-GR1	Amoco BP	---	Yes	ASME	1993
8096	Malaysia	2 x. Oxidation Reactors and crystallisers	5700 mm x 9000 mm	56 mm	TI-GR1	---	---	Yes	ASME	1993
8166	Indonesia	2 x. Oxidation Reactors and crystallisers	6518 mm x 10000 mm	56 mm	TI-GR1	Amoco BP	---	Yes	ASME	1994
8220	Pakistan	2 x. Oxidation Reactors and crystallisers	6900 mm x 6600 mm	75 mm	TI-GR1	ICI	---	Yes	ASME	1996
8244	UK	Oxidation Reactor	7620 mm x 6600 mm	67 mm	TI-GR1	Dupont (ICI)	T10	Yes	ASME	1996
8246	Belgium	Oxidation Reactor and Crystallisers	7650 mm x 10000 mm	80 mm	TI-GR1	BP	PTA 3	Yes	ASME	1996
8248	US	Oxidation Reactor	5700 mm x 7300 mm	56 mm	TI-GR1	Amoco	---	Yes	ASME	1997
8254	US	Crystallisers			TI-GR1	Amoco	---	Yes	ASME	1997
8364	China	Oxidation Reactor	5880 mm x 9190 mm	56 mm	TI-GR1	Lu o Yan	---	Yes	ASME	1998
8602	Taiwan	Oxidation Reactor			TI-GR1	Formosa Plastics	PTA 2	Yes	ASME	2000
	India	Oxidation Reactor			TI-GR1	Mitsubishi	---	Yes	ASME	2000
8527	Iran	2 x. Oxidation Reactors and crystallisers	5100 mm x 6700 mm	64 mm	TI-GR1	NPC (Daelim)	---	Yes	ASME	2000
8628	China	Oxidation Reactor	7600 mm x 11000 mm	70 mm	TI-GR1	BP (Zhuhai)	---	Yes	ASME	2001
8629	Taiwan	Oxidation Reactor	8400 mm	80 mm	TI-GR1	bp	Capco	Yes	ASME	2001
8684	Canada	2 x. Oxidation Reactors	6500 mm x 11600 mm	45 mm	TI-GR1	Interquisa	---	Yes	ASME	2001
8700	Spain	2 x. Oxidation Reactors	4400 mm x 7300 mm	37 mm	TI-GR1	Interquisa	---	Yes	ASME	2002
8602	Taiwan	Oxidation Reactor			TI-GR1	Formosa	---	Yes	ASME	2003
8929	Taiwan	Oxidation Reactor	7600 mm x 11000 mm	67 mm	TI-GR1	bp	Capco	Yes	ASME	2004
8932	China	Crystallisers	4000 mm x 7000 mm		TI-GR1	Yisheng Ningbo	Yisheng	YES	ASME	2003
8967	China	2 x. Oxidation Reactors	7620 mm x 7600 mm	65 mm	TI-GR1	Sunshine (Zongheng)	Invista License	Yes	ASME	2004
8980	China	Oxidation Reactor	7900 mm x 7600 mm	65 mm	TI-GR1	Liao Yang (Petrochina)	Invista License	Yes	ASME	2004
8981	China	Crystallisers	4400 mm x 7200 mm		TI-GR1	Yisheng Ningbo	Yisheng	Yes	ASME	2004
8989	Thailand	Crystallisers	4400 mm x 7200 mm		TI-GR1	indorama	Invista License	Yes	ASME	2004
9122	China	Oxidation Reactor	7900 mm x 11000 mm		TI-GR1	PTA Jialong	Invista License	Yes	ASME	2008
9187	Poland	Oxidation Reactor	8700 mm x 10000 mm		TI-GR1	PTA Orlen	Mitsubischi	YES	ASME	2009
9500	Portugal	Oxidation Reactor	8050 mm x 11000 mm		TI-GR1	PTA Artenius	Invista License	YES	ASME	2009
9506	Portugal	Crystallisers	4400 mm x 7200 mm		TI-GR1	PTA Artenius	Invista License	YES	ASME	2009
9507	Brasil	Crystallisers	4400 mm x 7200 mm		TI-GR1	PTA Suape	Invista License	YES	ASME	2009
9959	India	Oxidation Reactor			TI-GR1	PTA Reliance	Invista License	YES	ASME	2011
10065	Belgium	Crystallisers			TI-GR1	bp	BP technology	YES	ASME	2012



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10304	Belgium	Oxidation reactor LR-100	8900 mm		TI-GR1	bp	BP technology	YES	ASME	2014
10342	US Cooper River	Oxidation reactor BR-301	8900 mm		TI-GR1	bp	BP technology	YES	ASME	2015
10943	FCFC Ningbo	Oxidation reactor C3101			TI-GR1	FCFC	FCFC technology	YES	ASME	2019