



PWT Srl an ITW Company

List of pipeline projects where PWT Welding System has been successfully used

Year	Client	Project	Country	Contractor	Mat. API-5L	Diameter (in.)	Thickness (mm)	Estimated length (km)
1991	SNAM	Pipeline Nord Italy	Italy	IMP. UNIONE	X 65	36	12.1, 14.2	25
1992	SNAM	Pipeline Nord Italy	Italy	IMP. UNIONE	X 65	36	12.1, 14.2	28
						36	12.1, 14.2	28
		Pipeline TRANS. MED.	Italy	IMP. UNIONE	48	16.1, 18.9	50	
					48	16.1, 18.9	50	
1993	SNAM	Pipeline TRANS. MED.	Italy	IMP. UNIONE	X 65	42	16.1, 18.9	70
						48	16.1, 18.9	155
1993	SNAM	Pipeline TRANS. MED.	Italy	GHIZZONI S.p.A.	X 65	48	16.1, 18.9	53
						48	16.1, 18.9	75
1993	SNAM	Pipeline TRANS. MED.	Italy	IMP. UNIONE	X 65	48	16.1, 18.9	74
						48	16.1, 18.9	74
1994	SNAM	Pipeline Nord Italy	Italy	GHIZZONI S.p.A.	X 60	20	9.54, 12.7	12
						20	9.54, 12.7	12
1994	SNAM	Pipeline TRANS. MED.	Italy	IMP. UNIONE	X 65	48	16.0, 18.9, 25.4	155
						30	9.5	20
1995	SNAM	Pipeline CROSS ITALY	Italy	GHIZZONI S.p.A.	X 60	30	12.7	35
						42	16.1, 18.9	85
						48	16.0, 18.9, 25.9	90
		Pipeline TRANS. MED.	Italy	SICIM S.p.A.	X 65	48	16.1, 18.9	95
						48	16.1, 18.9	55
						42	14.1, 16.6	59
	MEW	Pip. SABIYA KUWAIT	UAE	CCC SAL	X 52	48	16.1, 18.9	100
						48	16.0, 18.9, 25.9	92
						42	12.7	65
						16	9.5	85
						30	10.8	17
						48	14.2, 17.5, 20.6	200
ENAGAS	Pip. MAG-EUR. SPAIN	Spain	BONATTI S.p.A.	X 70	48	16.1, 18.9	100	
					48	16.1, 18.9	100	
1995	ENAGAS	Pip. MAG-EUR. SPAIN	Spain	GHIZZONI S.p.A.	X 70	48	14.27, 17.5	220
						48	8.7, 9.5, 14.3	150
1996	ADCO ENAGAS	Pip. 4 TH MOL PROJ. Pip. VALENCIA-ALIC.	UAE Spain	CCC SAL GHIZZONI S.p.A.	X 65 X 70	36	14.27	113
						38	9.5	113
1996	ERDGAS	Pip. TRAWO	Switzerland	GHIZZONI S.p.A.	STE4807	28	10	60
1996	ENAGAS	Pipeline CROSS SPAIN	Spain	BONATTI S.p.A.	X 70	32	12.0, 14.0	105
1997	ERDGAS	Zugen-Whintertour	Switzerland	GHIZZONI S.p.A.	STE4807	28	10,31	80
1997	PDO	LNG Upstream Gas Supply Pipeline	Oman	CCC/Saipem	X 70	48	17.0, 23.0	389
1998	SNAM	Pipeline CROSS ITALY	Italy	TRE COLLI	X 65	48	26.0	25
						48	25.0	25
	TOTAL	Trans Europe Tunnel PECIKO Proj.Indonesia	Italy Indonesia	GHIZZONI SPIE-CAPAG	X 70	48	26.0	35
						42	17.9	45
ENAGAS	Pipeline CROSS SPAIN	Spain	BONATTI SPA	X 65	26	12.1	276	
					30	14.0	70	
1999	Adnoc Gazprom	OGD II - ABUDHABI BLUE-STREAM	UAE Russia	CCC SAL JSC KrasnodarGazStroy	X 60	42	17.5	250
						56	20	30
	Total	PECIKO Proj. Indonesia	Indonesia	SPIE-CAPAG sa GHIZZONI SPA	X 65-X60	48	16.1, 18.9, 22.4, 25.9, 22.4	90
						30	14.0	70
	SNAM	Trans Europe Tunnel	Italy	SICIM SPA	X70	48	26	35
						48	26.0	30
						48	25.0	120
						40	20.0	130
	Enagas	Pipeline cross ITALY	Italy	SPIE-CAPAG sa TRE COLLI SPA GHIZZONI SPA	X 65	48	25.0	25
						48	25.0	35
48						25.0	35	
30						12.7	160	

2000	Consorzio Acque Toscana	Waterline across Tuscany	Italy	AGUZZI srl	L485MB	72-138	10.31	30
	Elf	ETHYLEN-Line France	France	GHIZZONI SPA	X 60	8	12.70	250
	GDF	Pipeline cross FRANCE	France	SICIM SPA	X 70	32	10.31	170
		Artère Du Veczin Moussy-Fontenay	France	SPIE-CAPAG sa		36	12.7	150
	Adnoc	Artere Du Centre Danse Clenary	France	GHIZZONI SPA	L485MB	36	11.3, 13.7, 20.3	80
	Enagas	MAQTA - UAE	UAE	CCC SAL		48	14.7	160
	SNAM	Pipeline cross SPAIN	Spain	BONATTI SPA	X 65	32	12.7	150
2001	OMV	Pipeline cross AUSTRIA	Austria	BONATTI SPA		40	14.1, 16.5	120
	GDF	Pipeline cross FRANCE	France	SICIM SPA	X 70	40	10.7, 12.9, 19.1	180
	Petroleum Operating Bv	Karachaganak Development Project	Kazakhstan	CCC/Saipem Consortium	X 60 X 65	24	7,1	630
2002	GDF	Pipeline cross France	France	SPAC S.A.		32	10.8, 13.2	80
	Transco	Pipeline cross Ireland	Ireland	SICIM SPA		32	10.8, 13.2	80
		Pipeline cross AUSTRIA	Austria	GHIZZONI SPA		30	11.1, 19.1	90
	OMV	Pipeline cross AUSTRIA	Austria	SICIM SPA		30	11.1, 19.1	152
	SNAM	Pipeline cross North-Italy	Italy	BONATTI SPA	X 70	40	14.1, 16.5	40
		Mozambico Secunda pipeline	Mozambique	BONATTI SPA		48	16.1, 18.9	20
	Transgas	Gazeoduto Sines-Setubal	Portugal	GHIZZONI SPA		48	16.1, 18.9	30
CNPC	Gas pipeline project across China	China	Main local contractors		40	12.7, 15.1, 17.5	4000	
2003	ENAGAS	Pipeline project across Spain	Spain	SICIM SPA		30	9.5, 11.1	144
		Gasoducto Sevilla Cordoba	Spain	MASA s.a.		30	9.5, 11.1	180
	GAIL	Gasoducto Cordoba Santa Cruz de Mudela	Spain	BONATTI SPA	X 70	32	9.5, 11.9	180
		GAIL 42" SPREAD III	India	PUNJ LLOYD LTD.		42	14.6, 17.5, 20.6	169
BP	BTC 42" Oil Pipeline Project Azerbaijan size	Azerbaijan	JSC KrasnodarGazStroy		42	12.7, 13.5, 14.3, 15.1, 17.5	443	
2004	SNAM	Pipeline across Italy LOTTO 1 e 2	Italy	Bonatti SpA		48	10.0, 18.9	20
		Pipeline across Italy LOTTO 3	Italy	SICIM SPA	X 70	48	10.0, 18.9	20
		Pipeline across Italy LOTTO 4	Italy	Ghizzoni SpA		48	10.0, 18.9	20
2004	ENI Group	Kazakhstan- Tengizchevroil (TCO) Pipeline Project	Kazakhstan	SICIM – Bonatti JV		40	12.3	121
	GAZPROM	SRTO- Torzhok 56" Gas Pipeline Project Tyumen Region (RUSSIA)	Russia	JSC KGS		56	14.7, 17.5, 21.3	80
		SSPKhG 56" Gas Pipeline Project (RUSSIA)	Russia	SICIM SPA	X 70	56	14.7, 17.5, 21.3	54
	BP	AGT/BTC 42" / 46" Oil Pipeline Project Georgia size	Georgia	Spie-Capag / Petrofac JV		42-46	14.7, 17.7, 21.2, 15.9, 21.4, 23.0,	79
ENAGAS	SPC 42" Gas Pipeline Project Azerbaijan size	Azerbaijan	CCC SAL		42	23.8	443	
		"Ramal a Campo de Gibraltar" Oil Pipeline Project	Spain	MASA s.a.	X 60	16	7.1, 8.7, 10.3, 15.6	17
2005	CNPC	West – East Oil Pipeline Projects	China	Tuha Petroleum CPPMEC		32	9.5, 11.9	990
	Adnoc	DUSUP Gas Pipeline Project	UAE	CCIC SAL	X 65	36	16.9	34
		MARGHAM Gas Pipeline Project	UAE	CCIC SAL		36	16.9	73
	KazMunayGas	Atasu – Alashankou Kazakhstan Oil Pipeline Project	Kazakhstan	Main local contractors		32	8.7, 9.5	110
		Jordan – Israeli Oil Pipeline Project	Israel	GHIZZONI SPA		24	10.31	110
			Gas pipeline project across Italy	Italy	BONATTI SPA	X 70	48	17.3, 20.5
		Turkey-Greece Natural Gas Pipeline Project	Greece	SICIM SPA		48	17.3, 20.5	28
2006	SHELL-DEPA			GHIZZONI SPA		36	10.2, 14.1, 18.9	80
	GAIL	DUPL Gas P/L	India	PUNJ LLOYD LTD.		30	11.9, 14.3, 19.1	135
	Internal Gaz Central Asia	New Looping Section of Gas-Main Pipeline CAC-4	Kazakhstan	Essar Constructions (India) Ltd.	X 70	30	11.9, 14.3, 19.1	135
SNAMRETEGAS	Gas pipeline project across Italy	Italy	KazStroyService		56	16.1	240	
			Italy	GHIZZONI SPA		56	16.0, 18.3	28
	KazMunayGas	Gas pipeline project across Kazakhstan	Kazakhstan	Kazkhimnortazh Holding		40	11.1	50

2007	KazMunayGas	CAC4-56" Connexion	Kazakhstan	KAZKHIMMONTAZH HOLDING		56	28	3
	ENAGAS	Villarobledo – Albacete Gas Pipeline Project	Spain	MASA s.a.		36	11.9, 14.3, 19.1	72
	SAGESS/GEOSSEL	Pipeline Alcasar De S. Juan – Alcadia (Spain)	Spain	BONATTI SPA	X 70	36	11.9, 14.3, 19.1	130
		Sagess – Manousque (France)	France	GHIZZONI SPA		30	11.9, 14.3	70
	OMV AG	Holleneg – Ruden gas pipeline (Austria)	Austria	BONATTI SPA		40	14.1, 16.5, 25.4	42
		Alessandria – Oviglio Gas Pipeline Project	Italy	Impresa Tre Colli SpA	X 60	30	14.3	30
	SNAMRETEGAS	Pipeline Montalbano Elicona – Messina (Sicily - Italy)	Italy	GHIZZONI SPA		48	17.3, 20.5	37
		Pipeline Enna - Montalbano (Sicily - Italy)	Italy	BONATTI SPA		48	17.3, 20.5	46
	Pipeline Flaibano – Gonars (Italy)	Italy		X 70	30	9.5, 11.1	32	
Edison Stocagggio SpA	Pipeline Cavarzere – Minerbio (Italy)	Italy	GHIZZONI SPA		36	20.0	36	
			BONATTI SPA		36	20.0	44	
2008	Reliance Ind.	EWPL Gas Pipeline Project	India	PUNJ LLOYD LTD. LTD.		48	17.3, 20.5, 25.2	320
	GASCO	OAG Gas Pipeline Project (OGD III ABSHAN REFINERY PLANT)	UAE	CCIC SAL	X 70	30	28.7, 33.0	93
	KazMunayGas	Kenkyak-Kumkol Oil Pipeline Project	Kazakhstan	KazStroyService		32	9.5	90
2008 2009	ENAGAS	Almeria-Chinchilla Gas Pipeline Project	Spain	MASA s.a.		42	12.70, 15.90, 19.10, 23.80	78
		Gas pipeline projects across Spain	Spain	BONATTI SPA	X 70	24-36-42	10.30, 12.70, 15.90, 19.10, 23.80	500
	KazMunayGas	AGP 42" Gas Pipeline Project	Kazakhstan	KazStroyService		42	15.9, 19.10, 22.2	260
		KTK Kazakhstan Gas Pipeline Project	Kazakhstan	Kazkhimmontazh Holding		40	12.5, 15.6	60
	GAIL Ltd.	VIJAI PUR-DADRI-BAWANA India Gas Pipeline Project	India	Essar Constructions (India) Ltd.	X 70	48	17.5, 20.7, 25.4	198
2010	GAIL Ltd.	DVPL II 48" India Gas Pipeline Project	India	Fernas Construction Ltd.	X 70	48	15.9, 17.5, 23.8	87
				Corrtch International Co. Ltd.	X 80	48	15.9, 17.5, 23.8	140
				Punj Lloyd Ltd.		48	15.9, 17.5, 23.8	145
	ENAGAS	Spain cross country Pipeline Project	Spain	Elecnor sa		26	8.75, 9.25, 10.31	76
				BONATTI SPA		26	8.75, 9.25, 10.31	90
					X 70	40	12.7, 15.9, 21.00	140
	WINGAS	Germany cross country Pipeline Project	Germany	BONATTI SPA		56	15.9, 17.5, 23.8	130
	SNAMRETE GAS	Italy cross country Pipeline Project	Italy	IMPRESA TRE COLLI		48	15.9, 18.0, 23.8	68
2011	GAIL Ltd.	DHABOL-BANGALORE India Gas Pipeline Project	India	PUNJ LLOYD LTD.		30	12.7, 14.3	500
		Bawana - Nangal India Gas Pipeline	India	CORRTECH INTERNATIONAL PVT LTD.	X 70	30	12.7, 14.3	120
				JAIHIND PROJECTS LIMITED		36	15.0	55
	KOC	7500 pipe weld joints from Point A at North Kuwait to North Tank Farm of KOC's oil fields	KUWAIT	Alghanim International General Trading & Contracting Co. W.L.L. Oil & Gas Division	X 52	30	12.7	123
	KOC	BS 171 New Booster Station	KUWAIT	Alghanim International General Trading & Contracting Co. W.L.L. Oil & Gas Division	X 52	24-30	7.9-8.7-9.5-10.30-12.70-14.90-15.90	42
2011 2012	ENAGAS	Yela Villar de Arnedo Tramo North in Spain	Spain	Elecnor sa	X 70	30	9.5, 11.1, 23.0	170
	Queensland company	QCLNG 42" Gas Pipeline Project	Australia	MC DOWELL CCC JV	X 70	42	14.00, 18.00, 23.0	553
	KazMunayGas	CPC 40" Kazakhstan Gas Pipeline Project	Kazakhstan	Kazstroyservice	X 70	40	15.8	88
						30	10.3, 12.7	169
	CFE	Gasoducto Manzanillo-Guadalajara	Mexico	SICIM SPA	X70	30	11,1	306

	CNPC	China CCG	China	CNPC	X 70	40	12.7	150
	PTT Public Ltd. Thailand	The Fourth Transmission Pipeline Project, Thailand	Thailand	Punj Lloyd	X 70	42	19.00, 23.91	385
2012	KOC	KOC cross country Pipeline Project	Kuwait	HOT Engineering & Construction	X 52	24, 48 24, 30	11.1, 12.7, 14.0 8.7, 9.5, 14.9, 10.3, 11.1	165 84
2012 2013	Enagas- Elecnor Consortium GRT GAZ	MEXICO Pitgam-Nedon Pipeline Project	Mexico	BONATTI SPA	X60	30	15.8	150
	Ecopetrol	COLOMBIA	Colombia	BONATTI SPA	X 80	48	19.00, 28.2	55
	GASCO	GASCO Habshan-Ruwais-Shuweihat Gas Pipeline Project	UAE	LARSEN & Toubro Ltd.		52-48	14.06, 20.62, 19.05	112
	IRAQI MINISTRY OF OIL	Onshore Export Pipeline West Qurna (Phase II) South Oil Company, Ministry of Oil Basra in Iraq	IRAQ	TECHNO ENGINEERING LTD	X70	42	15,88-19,1	107
	Enagas-Elecnor Consortium	MORELOS PIPELINE MEXICO	Mexico	BONATTI	X 60	30	15.8	150
	Ecopetrol	COLOMBIA	COLOMBIA	SICIM SPA	X 65	42	17.5	230
	TARAHUMARA PIPELINE	Chihuahua Natural Gas Transmission Pipeline.	Mexico	SICIM SPA	X70	36	11,1-14,27-15,9	381
	Transportadora de Gas Natural de la Huasteca	Tamazunchale - El Sauz	Mexico	SICIM SPA	X70	36	8,2-9,8-11,8	230
	DUSUP	Hassyan (DIGS)* GAS PIPELINE PROJECT	UAE	CCC-SICON OIL	X70	48	24	39
	LUKOIL	WEST QURNA PH 2	IRAQ	TECHNOENGINEERING	X70	42	15,9	130
ENAGAS	Yela - Zarza del Tajo Pipelines	Spain	MASA s.a.	X65	30	9.00 , 11.0	103	
2014	AGP JV	BBSH Pipeline Project	Kazakhstan	KazStroyService	X80	48	17.5,20.6,27	220
	GASCO	Replacement of 16" condensate pipeline from Habshan to Ruwais by 24" pipe line	UAE	Essar Construction Overseas Ltd	X65	24	12-16-13,5-17,5	113
	SONATRACH	Tronçon Reggane - Krechba	Algeria	Cosider	X70	48	12.7,14.3, 22,2	220
	CARDON IV	Slug catcher connection line	Venezuela	Trimeca	X65	30	25.4	10
2015	//	KSA Pipeline Project	Saudi Arabia	Gulf Consolidated Contractors Co.	X70	56	15.52,18.62 ,22.35	79
		AGP Pipeline Project	Kazakhstan	KazStroyService	X80	48	17.5,20.6,27	50
	//	Taymis-Osk-Novosibirsk	Kazakhstan	Dinato	X70	28	10,3	40
		Artère des Flandres	France	Spac	X70	36	14,6	22
		Acquedotto Sinni Lotto III	Italy	Igeco Costruzioni Spa	Fe510	56	11	37
		Nesher Natbag	Israel	Chemo Aharon	X70	36	18	51
		AGP3 Kazakhstan 3L	Kazakhstan	KazStroyService	X80	48	17.5,20.6,27	220
	Raggane North Field Development	Lead Contracting	Algeria	X65/X70	12-16-24	9,53;14,27;17,48;15,88	165	

2016		Gasoducto Sur Peruano	Peru	Elecnor	X70	32-24-14	17,5	108
		Gasoducto Salamayuca - Sasabe	Mexico	Grupo Desarrollo Infraestructura	X70	36	14,3; 18,8	30
	PDO	Rebab Harweer Intr. Project	Oman	Al Turki Enterprises	X65	14-18-20	from 11,90 up to 17,5	67
	PDO	Rebab Harweer Intr. Project	Oman	Al Turki Enterprises	X65	6-8-12-20	16,2; 19,05; 20,62; 25,4; 28,58; 33,3; 44,45; 50,2	96
	Saudi Aramco	Hasbah Offshore Gas Facilities Increment II	Saudi Arabia	Larsen & Toubro	X65	36	31,75; 40	89
		IGD 42"	Emirati Arabi	CCC	X65	42	31,75; 37,77	113
		Algeria Water Pipeline	Algeria	Amenhyd	X70	20-24-28-42-48	5-8,7-12,7-14,3	300
	OGC	Al Duqm Pipeline	Oman	Petrojet	X65	36	14,2; 16; 17,5; 20	150
		Val de Saone GRT Gaz	France	Spac	X70	48	13; 15,4; 22,7	35
		RGM Gascogne Midi Pipeline	France	Spac	X70	36	13,8	62
TOTAL KM								26.559,00

Last update 14.05.2018