

REFERENCES OF VINCOTTE IN THE FIELD OF PIPELINE INSPECTION

For many decades, VINCOTTE has been active in the field of pipeline inspections. Being the unquestionable market leader in Belgium, VINCOTTE has also gained a solid international experience through several projects. The references quoted below are only a small fraction taken from a total of hundreds of tasks undertaken during recent years.

YEAR	LOCATION	OWNER/CLIENT	PROJECT	PRODUCT	DIAMETER	LENGTH	SCOPE OF WORK
1994-95	Marocco	Enagas	Pipeline Maghreb - Europe	natural gas	48"	285 km	Site inspection & NDT (mechanised UT)
1996	Belgium	Interconnector	Pipeline Interconnector - offshore	natural gas	40"	76 km	Design review, shop & site inspection, NDT
1996	Belgium	Interconnector	Pipeline Interconnector - onshore	natural gas	40"	1,2 km	Design review, shop & site inspection, NDT
1996	Belgium	N.M.P.-S.N.T.C.	Propyleenleiding Antwerpen - Geel : Booster station	fuel	diverse		Design review, shop & site inspection, NDT
1996	Belgium	Air Liquide	Pipeline Mow-tunnel - Pall-tunnel	hydrogen	6"	3 km	Design review, shop & site inspection, NDT
1997	Belgium	Statoil	Norfra	natural gas	42"	51 km	Design review, shop & site inspection, NDT
1997	Belgium	Nikon	Geel	gas	4"	2 km	PCM
1997	Belgium	Distrigas	Herent (Winksele-Wilsele)	natural gas	10"	9 km	PCM
1997	Belgium	Distrigas	Zaventem	natural gas	6"	3 km	PCM
1997	Belgium	Distrigas	Geel	natural gas	12"	3 km	PCM
1997	Belgium	Air Liquide	BASF - BAYER	gas	6"	9 km	PCM
1997	Belgium	Distrigas	Kallo	natural gas		3 km	PCM
1997	Belgium	N.M.P.-S.N.T.C.	Pipeline AGT-Gamatex	propylen	diverse		Upgrading
1997-98	Belgium	Distrigas	VTN-RTR	natural gas	32" to 48"	270 km	Design review, shop & site inspection, NDT
1997-98	Belgium	Distrigas	Station Dudzele - Oostkerkestraat	natural gas	diverse		Design review, shop & site inspection, NDT
1997-98	Belgium	Distrigas	Telling station IZTD	natural gas	diverse		Design review, shop & site inspection, NDT
1997-98	Belgium	Distrigas	Telling station Zelzate	natural gas	diverse		Design review, shop & site inspection, NDT
1997-98	Belgium	Distrigas	Station Zomergem	natural gas	diverse		Design review, shop & site inspection, NDT
1997-98	Belgium	Distrigas	Telling station Raeren	natural gas	diverse		Design review, shop & site inspection, NDT
1997-98	Belgium	Distrigas	Compressor station Berneau	natural gas	diverse		Design review, shop & site inspection, NDT
1998	France	Air Liquide	Azoduc Florange - Esch-sur-Alzette	nitrogen	8"	3 km	Site inspection

1998	Belgium	Distrigas	Juprelle - Raeren PSI	natural gas	40"	47 km	PCM
1998	Belgium	Air Products	Pipeline Evergem - Gent : omlegging Kleuzendok	oxygen	10"	1,8 km	Design review, shop & site inspection, NDT
1998	Belgium	Air Liquide	Liège-Battice	oxygen	4"	14 km	Design review, shop & site inspection, NDT
1998	Belgium	Zebra	Kruising Westerschelde	natural gas	28"	8 km	Design review, shop & site inspection, NDT
1998	Belgium	Fina	Feluy - Antwerpen	gas	8" - 24"	10 km	PCM
1998	Belgium	Air Liquide	Schelle - Le Roeulx	hydrogen	6"	77 km	Design review, shop & site inspection, NDT
1998	Belgium	Electrabel	Reducing station Saint-Gislain-Baudour	natural gas	diverse		Design review, shop & site inspection, NDT
1998-99	Belgium	Fina Antwerp Olefins	Ethyleenleiding Antwerpen-Feluy	ethylen	22"	85 km	Study upgrading
1999	Belgium	Air Liquide	VFT-Zelzate	hydrogen	4"	2,3 km	Design review, shop & site inspection, NDT
1999	Belgium	Air Liquide	Kruikeke	oxygène	10"	2 km	PCM
1999	Belgium	Distrigas	Zomergem - Zelzate	natural gas	24" - 36"	22 km	PCM
1999	Belgium	Distrigas	Zelzate Kallo	natural gas	24"	40 km	PCM
1999	Belgium	Air Liquide	Geel (Ham-Olen)	hydrogen, oxygen	4" - 12"	60 km	PCM
1999	Belgium	Distrigas	Berneau - Bastogne	natural gas	16"	96 km	PCM
1999	Belgium	Distrigas	Brugge - Zomergem	natural gas	36"	24 km	PCM
1999	Belgium	Distrigas	Zeebrugge - Brugge	natural gas	36"	9 km	PCM
1999	Belgium	Distrigas	Wevelgem Pittem	natural gas	10"	24 km	PCM
1999	Belgium	Tuc Rail	diverse	diverse	diverse	diverse	Design review, shop & site inspection, NDT
1999	Belgium	Distrigas	Juprelle - Raeren ISI	natural gas	40"	47 km	PCM
1999	Belgium	Distrigas	Vielsam	natural gas	10"	20 km	PCM
1999	Belgium	Air Liquide	Chemviron	oxygen	4"	2 km	Design review, shop & site inspection, NDT
1999	Belgium	Air Liquide	BASF-BOZ	hydrogen	8"	3 km	Design review, shop & site inspection, NDT
1999	Belgium	Air Liquide	BASF-BOZ	carbon monoxyd	6"	3 km	Design review, shop & site inspection, NDT
1999	France	Air Liquide	Hydrogenduc Motorola	hydrogen	2"	3 km	Site inspection
1999	Belgium	Distrigas	Oupeye - Lanaken	natural gas	16"	23 km	Design review, shop & site inspection, NDT

1999	Poland	RTD /NDTEST	Pipeline Sibery-Germany	natural gas	48"	30 km	NDT (mechanized UT)
1999	Belgium	Distrigas	Herne - Tubize	natural gas	6"	11 km	Design review, shop & site inspection, NDT
1999	Belgium	Distrigas	Ath - Leuze	natural gas	14"	25 km	Design review, shop & site inspection, NDT
2000	Belgium	Distrigas	Zomergem - Nevele	natural gas	36"	6 km	Design review, shop & site inspection, NDT
2000	Belgium	WVEM	Beerst - Diksmuide	gas	10"	2,5 km	PCM
2000	Belgium	FINA	Feluy - Anvers	gas	6" - 12" - 22"	1,3 km	PCM
2000	Belgium	BAYER	Rieme	water	8"	100 m	PCM
2000	Belgium	Distrigas	Huy (Ben-Ahin) - Aubange (Athus)	natural gas	16"	32 km	Design review, shop & site inspection, NDT
2000	Belgium	Distrigas	Rumillies - Leuze-en-Hainaut	natural gas	16"	12 km	Design review, shop & site inspection, NDT
2000-01	Belgium	Atofina	Modernisatie propyleenleiding	propylen	8"	55 km	Design review, shop & site inspection, NDT
2000-01	France	Eureteq	Carling - Viriat	ethylen	8"	400 km	Shop & site inspection
2001	Netherlands	Denys	PO-11 pipebundle Europoort Project	diverse	6" to 12"	140 km	NDT
2001	France	Air Liquide	Pipeline Pilkington - Farebersvillers	hydrogen/oxygen	8"	2x 4,5 km	Shop & site inspection
2001	Luxemburg	SES Koerich	WSA Hellange	water	8"	1,5 km	NDT
2001	Luxemburg	SES Koerich	KAYL Dudelange	water	12"	1,2 km	NDT
2001	Luxemburg	SES Koerich	Steinfort	water	8"	1,6 km	NDT
2001	Belgium	Distrigas	diverse	natural gas	diverse		Design review, shop & site inspection, NDT
2001	Belgium	Tuc Rail	Antwerpen-Schoten	hydrocarbure	10" - 12"		PCM
2001	Belgium	Tuc Rail	diverse	diverse	diverse	diverse	Design review, shop & site inspection, NDT
2001	Belgium	DTM / ARG	Modification stations Antwerp-Limburg (fase 1)	ethylen	diverse		Design review, shop & site inspection, NDT
2001	Belgium	DOW	Modification stations Antwerp	ethylen	diverse		Design review, shop & site inspection, NDT
2001	Belgium	N.M.P.-S.N.T.C.	Directional drilling Hoogmolen brug	ethylen/propylen	10" / 6"	4x 700 m	Design review, site inspection, NDT
2001	Belgium	Air Products	Directional drilling Kluzendok Gent	oxygen	10"	2x 1,2 km	Design review, site inspection, NDT
2001	Belgium	Air Liquide	Debesement Baudour-Antwerp	oxygen	10"		Design review, site inspection, NDT
2002	France	Atofina / Eureteq	Saint-Fons - Balan	mvc	6"	45 km	Site inspection
2002	Guyana	Air Liquide	ZL3 site at Kourou	helium	16"		Site inspection

2002	Belgium	Armed Forces	Upgrading Glons-Bierset	fuel	4"	13 km	Study upgrading
2002	Belgium	Fluxys	diverse	natural gas	diverse		Design review, shop & site inspection, NDT
2002	France	Air Liquide	Deviation Saint-Juré	oxygen / nitrogen	14" / 8"	2x 450 m	Site inspection
2002	Belgium	Air Liquide	Deviation ALZ - Genk	oxygen	10" / 6"	2x 300 m	Design review, site inspection
2002	Belgium	DTM / ARG	Modifications stations Antwerp-Limburg (fase 2)	ethylen	diverse		Design review, shop & site inspection, NDT
2002	Belgium	N.M.P.-S.N.T.C.	Valve stations for ethylen pipeline	ethylen	22"		Design review, shop & site inspection, NDT
2002	Belgium	Fluxys	Compressor package for Loenhout (CVK5)	sour gas	diverse		Design review, shop & site inspection
2002	Belgium	Air Liquide	Glaverbel-Moustier	oxygen	10"	2 km	Design review
2002-03	Belgium	N.M.P.-S.N.T.C.	Phenol & aceton pipelines between Ineos Phenol & Bayer	phenol / aceton	4" / 3"	2x 5,5 km	Design review, shop & site inspection, NDT
2003	Belgium	Fluxys	diverse	natural gas	diverse		Design review, shop & site inspection, NDT
2003	Belgium	Fluxys	Pipeline Herve-Verviers	natural gas	8"	11 km	Design review, shop & site inspection, NDT
2003	Belgium	Air Liquide	Jupiter Project	hydrogen	6" / 8" / 10"	6 km	Design review, shop & site inspection, NDT
2003	Belgium	Fluxys	Dilsen-Lommel	natural gas	24"	50 km	Design review, shop & site inspection, NDT
2003-05	Belgium	Interconnector	Compression Facilities Zeebrugge	natural gas	diverse		Design review, shop & site inspection, NDT
2003-04	Belgium	Fluxys	Upgrading stock material in the scope of the new Royal Decree	natural gas	diverse		Upgrading
2004	Belgium	N.M.P.-S.N.T.C.	Pipelines between Kruikeke and Bornem	ethylen / propylen / multiproduct	16" / 12" / 8"	5,5 km	Design review, shop & site inspection, NDT
2004	Belgium	N.M.P.-S.N.T.C.	Valve stations for propylen pipeline	propylen	8"		Design review, shop & site inspection, NDT
2004	Belgium	N.M.P.-S.N.T.C.	Pipeline Atofina between F.A.O and Oiltanking	C4	6"	9,3 km	Design review, shop & site inspection, NDT
2004	Belgium	N.M.P.-S.N.T.C.	Pipeline Atofina between F.A.O and Oiltanking	butadien	4"	1,5 km	Design review, shop & site inspection, NDT
2004	Belgium	N.M.P.-S.N.T.C.	Pipeline Nitraco from Fluxys station to Kruisschans	nitrogen	4" / 8"	5,7 km	Design review, shop & site inspection, NDT
2004	Belgium	N.M.P.-S.N.T.C.	Pipeline Fluxys from Kruisschans to GCA	natural gas	16"	5,6 km	Design review, shop & site inspection, NDT
2004	Belgium	N.M.P.-S.N.T.C.	Pipeline Praxair from Ineos to Fluxys station	nitrogen	8"	17 km	Design review, shop & site inspection, NDT
2004-05	Belgium	Air Liquide	Carinox Project	nitrogen / oxygen / argon	12" / 12" / 6"	30 km	Design review, site inspection, NDT
2004-07	Belgium	Fluxys LNG	LNG Terminal Zeebrugge - First Extension	liquefied natural gas	diverse		Design review, shop & site inspection, evaluation quality system

2005	Belgium	Air Liquide	Petroplus Project	hydrogen	6"	2,4 km	Design review, shop & site inspection, NDT
2005	Belgium	Air Liquide	Pipeline BASF - Solvay	hydrogen	10"	4,8 km	Design review, shop & site inspection, NDT
2005	Belgium / France	Statoil	Spark Gap Modification Zeepipe and Franpipe	natural gas			Site inspection, NDT
2005	Belgium	Fluxys	Pipeline Awans - Oreya	natural gas	10"	10 km	Design review, shop & site inspection, NDT
2005	Belgium	Essent	Ineos CHP Project	natural gas	10"	1,2 km	Site inspection
2005	Belgium	Fluxys	Eghezee - Râperie de Longchamps	natural gas	6"	4,8 km	Design review, shop & site inspection, NDT
2005	Belgium	Tuc Rail	Deviations pipelines in Vaux-sous-Chèvremont	natural gas	6" / 12"		Design review, shop & site inspection, NDT
2005	Belgium	Sabic Pipelines	Modification on PALL pipeline Antwerp-Geleen	nafta	18"		Design review, shop & site inspection, NDT
2005	Belgium	Fluxys	Zomergem - Zelzate	natural gas	24"	22 km	Design review, shop & site inspection, NDT
2005	Belgium	Fluxys	Evaluation of the state of three LNG/LIN storage tanks at the Peak Shaving installation of Dudzele	liquefied natural gas liquefied nitrogen			Design review, site inspection, NDT
2005	Belgium	Fluxys	Weelde - Zandhoven	natural gas	24"	39 km	Design review, shop & site inspection, NDT
2005	Belgium	Fina Antwerp Olefins	Modifications in valve station n°7	hydrocarbons	10"		Design review, shop & site inspection, NDT
2005-06	Belgium	N.M.P.-S.N.T.C.	Deviations in Kruikebe	ethylen / propylen / multiproduct	16" / 12" / 8"		Design review, shop & site inspection, NDT

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