



REFERENCE LIST

HEATERS

Mechanical Design, Process Design, Engineering Survey, turn-key supply

No	Equipment	Type of Equipment	Quantity	Client	Process Unit	Material (coil/shell/lining)*	Total Weight, ton	Delivery
1.	Heater	Vertical cylinder	1	YANOS Refinery / Slavneft	MTBE	SS403 5CrMo16 / A570/ soft	130	2012
2.	Heater	Vertical cylinder	1	YANOS Refinery / Slavneft	Distillation	A105N/ A570/ Heat-resistant concrete	129	2012
3.	Heater	Vertical cylinder	1	YANOS Refinery / Slavneft	Distillation	A105N/ A570/ Heat-resistant concrete	105	2012
4.	Product Coil	Vertical cylinder	1	YANOS Refinery / Slavneft	HDT DFO	SA 387Gr11Cl12	27	2012
5.	Product Coil	Vertical cylinder	1	YANOS Refinery / Slavneft	HDT DFO	SA 387Gr11Cl12	27	2012
6.	Heater	Vertical cylinder	1	YANOS Refinery / Slavneft	Distillation	SS403 5CrMo16/ A570/ Heat-resistant concrete	103	2012
7.	Heater	Vertical cylinder	1	YANOS Refinery / Slavneft	Distillation	SS403 5CrMo16/ A570/ Heat-resistant concrete	69	2012



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8	Heater	Box (cabin)	1	Komsomolsk Refinery / Rosneft	Hydrocracking	A570/ Heat-resistant concrete	290	2012
9.	Product Coil	Box (cabin)	1	YANOS Refinery / Slavneft	CCR	SS403 5CrMo16/ A570/ Heat-resistant concrete	72	2013
10.	Product Coil	Box (cabin)	1	YANOS Refinery / Slavneft	CCR	SS403 5CrMo16/ A570/ Heat-resistant concrete	72	2013
11.	Heater	Box (cabin)	1	YANOS Refinery / Slavneft	Distillation	SS403 5CrMo16/ A570/ Heat-resistant concrete	610	2013
12	Heater	Vertical cylinder	1	YANOS Refinery / Slavneft	Distillation	A105N/ A570/ Heat-resistant concrete	130	2013
13	Heater	Vertical cylinder	1	Novoil Refinery / Bashneft	HDT/CCR combined unit	SA 387Gr11Cl12 /A570/ Heat-resistant concrete	160	2013



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13	Heater	Vertical cylinder	1	ZapSibTransGaz / Sibur	HTF unit	SA 516Gr70/ SA 516Gr70/ Heat-resistant concrete	80	2014
14	Heater	Box (cabin)	2	PNOS Refinery / Lukoil	SDWAX	A105N/ A570/ Heat-resistant concrete	230	2015
15	Heater	Box (cabin)	1	YANOS Refinery / Slavneft	Distillation	Cr-Mo	850	2016
16	Heater	Pipe	1	South-Balykский GPP / Sibur	HTF unit	SA 516Gr70	95	2016

* - comparable analog of local grade provided

General Director

RAN Complect LLC



Mr. Boris Lobzhanidze