



No	Process Unit	Design Works Description	Scope of Work	Client	Project Duration	
					Start	Completion
1	Alkylation Unit (SAAU)	SAAU 200 ktpa	Basic Design (BD)	Moscow Refinery / Gazprom Neft	IQ 2009	IIIQ 2009
2	Alkylation Unit (SAAU)	SAAU, capacity increase 65 to 80 ktpa	BD	Kuibyshev Refinery / Rosneft	IVQ 2010	IIIQ 2011
3	Alkylation Unit (SAAU)	SAAU 120, 350 ktpa	BD	Kuibyshev Refinery / Rosneft	IVQ 2010	IIIQ 2011
4	Alkylation Unit (SAAU)	SAAU, capacity increase 118 to 150 ktpa	FEED, DE	YANOS Refinery / Slavneft	IIIQ 2010	IIQ 2012
5	Alkylation Unit (SAAU)	Modernization	DE	YANOS Refinery / Slavneft	IIQ 2011	IQ 2012
6	Alkylation Unit (SAAU)	Compressor Unit Modernization	FEED	YANOS Refinery / Slavneft	IIQ 2011	IIIQ 2011
7	Alkylation Unit (SAAU)	PP fraction process flow modernization	FEED	YANOS Refinery / Slavneft	IQ 2012	IIQ 2012
8	Alkylation Unit (SAAU)	Plant Control System modernization	FEED	YANOS Refinery / Slavneft	IIQ 2012	IVQ 2012
9	Alkylation Unit (SAAU)	Control Room Construction	FEED, permitting, DE	YANOS Refinery / Slavneft	IIIQ 2013	IVQ 2013
10	Alkylation Unit (SAAU), MTBE Unit	Construction Supervision	Licensors / Designer Supervision	YANOS Refinery / Slavneft	IIIQ 2013	IIQ 2014
11	Alkylation Unit (SAAU)	Loadcarrying Structure / Foundation Study	DE	YANOS Refinery / Slavneft	IIIQ 2013	IVQ 2013
12	Alkylation Unit (SAAU)	Flowmeter Installation	DE	YANOS Refinery / Slavneft	IIIQ 2013	IVQ 2013
13	Alkylation Unit (SAAU)	Replacement of Economizers	DE	YANOS Refinery / Slavneft	IIIQ 2013	IQ 2014
14	Alkylation Unit (SAAU)	P&ID	DE	YANOS Refinery / Slavneft	IQ 2014	IIQ 2014
15	CDU-VDU	Capacity Increase to 4 mtpa	FS	Ryazan Refinery / TNK-BP	IIIQ 2006	IQ 2007
16	CDU-VDU	Vibro-isolation for technology pipings	FEED, DE	YANOS Refinery / Slavneft	IVQ 2006	IQ 2007
17	DFO HDT Unit	DFO HDT Unit 2 mtpa	BD	Angarsk Refinery / Rosneft	IIIQ 2009	IQ 2010
18	MTBE Unit	Increase of capacity 40 to 52 ktpa	FEED, permitting, DE	YANOS Refinery / Slavneft	IIQ 2010	IIQ 2012
19	MTBE Unit	Modernization	DE	YANOS Refinery / Slavneft	IIQ 2011	IQ 2012
20	CDU-VDU	Modernization	DE	Moscow Refinery / Gazprom Neft	IIQ 2011	IIIQ 2012
21	Gas Fractionation, LDPE, CCR Units	Modernization	DE	Moscow Refinery / Gazprom Neft	IQ 2012	IQ 2012
22	Flexible Heater	Gas Splitter	FEED	YANOS Refinery / Slavneft	IQ 2012	IIQ 2012



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23	MTBE Unit	Heat-Exchangers replacement	DE	YANOS Refinery / Slavneft	IIIQ 2012	IVQ 2012
24	Storage Park	Fire Protection System	DE	YANOS Refinery / Slavneft	IIIQ 2012	IVQ 2012
25	MTBE Unit	Fire Protection System	DE	YANOS Refinery / Slavneft	IIIQ 2012	IVQ 2012
26	CDU-VDU	Heater Unit	FEED, permitting, DE	YANOS Refinery / Slavneft	IIIQ 2012	IVQ 2012
27	Wet Catalysis	Coils Replacement	FEED, DE	YANOS Refinery / Slavneft	IQ 2013	IIQ 2013
28	MTBE Unit	Interconnections	FEED	YANOS Refinery / Slavneft	IIQ 2013	IIIQ 2013
29	Wet Catalysis	Pipeline Replacement	Supervision	YANOS Refinery / Slavneft	IIQ 2013	IIIQ 2013
30	CDU-VDU	Raising of efficiency	DE	YANOS Refinery / Slavneft	IIIQ 2013	IVQ 2013
31	Wet Catalysis	Off-gas treatment	Engineering Solutions Development	YANOS Refinery / Slavneft	IIIQ 2013	IVQ 2013
32	Solvent Deasphalter Unit	Deasphalter Unit Modernization	FEED	Volgograd Refinery / Lukoil	IIIQ 2013	IVQ 2013
33	CDU-VDU	Pumping Station	DE	Novoshakhtinsky Refinery	IIIQ 2013	IVQ 2013
34	MTBE Unit	Methanol flow scheme	DE	YANOS Refinery / Slavneft	IVQ 2013	IQ 2014
35	Wet Catalysis	Supervision	Supervision	YANOS Refinery / Slavneft	IVQ 2013	IQ 2014
36	CDU-VDU	Construction Supervision	Supervision	ОАО «Славнефть- ЯНОС»	IVQ 2013	IQ 2014
37	CDU-VDU	Modernization	DE	Novoshakhtinsky Refinery	IVQ 2013	IQ 2014
38	Storage Park	Drainage System	DE	YANOS Refinery / Slavneft	IQ 2014	IIQ 2014
39	LBO Unit	Storage Capacities - modernization	BD, DE	YANOS Refinery / Slavneft	IQ 2014	IIQ 2014
40	UI&O	Racks Upgrade	BD, DE	YANOS Refinery / Slavneft	IQ 2014	IIIQ 2014
41	Condensate Treatment Unit	Condensate Treatment and Cooling	DE	YANOS Refinery / Slavneft	IQ 2014	IIIQ 2014
42	CCR Unit	Modernization	BD, DE	YANOS Refinery / Slavneft	IQ 2014	IIIQ 2014
43	Water Preparation Unit	Pumping Station	BD, DE	YANOS Refinery / Slavneft	IQ 2014	IIIQ 2014
44	Alkylation Unit (SAAU)	Acid Pumps	FS, DE	YANOS Refinery / Slavneft	IQ 2014	IIIQ 2014
45	CCR Unit	Piping Interconnections	BD, DE	YANOS Refinery / Slavneft	IQ 2014	IIIQ 2014
46	Alkylation Unit (SAAU)	Acid Pumps. Replacement of chimney shaft	BD, DE	YANOS Refinery / Slavneft	IQ 2014	IIIQ 2014
47	CDU-VDU	Pumps, modernization, replacement	FS, BD, DE	YANOS Refinery / Slavneft	IQ 2014	IIIQ 2014
48	CDU-VDU	Furnace Unit Modernization	FS, BD, DE	YANOS Refinery / Slavneft	IQ 2014	IIIQ 2014
49	Bitumen Unit	Feedstock Heating	BD, DE	YANOS Refinery / Slavneft	IQ 2014	IVQ 2014
50	Hydrowaxing Unit	Furnace Unit, turn-key	FEED, permitting, DE, procurement, Cm, commissioning, supervision	PNOS / LUKoil	IQ 2014	IVQ 2014



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51	Alkylation Unit (SAAU)	SAAU, turn-key	FEED, permitting, DE, procurement, Cm, commissioning, supervision	Kuibyshev Refinery / Rosneft	IVQ 2012	IVQ 2015
52	Alkylation Unit (SAAU)	SAAU modernization, capacity increase 334 to 430 ktpa	FEED, permitting, DE	Omsk Refinery / Gazprom Neft	IVQ 2014	IIIQ 2015