

"Proyecto Alba – Nuevas Plantas de Poliolefinas, Plataformas Logísticas y Offsites"

Data: 01/04/2025

DOSSIER DA QUALIDADE



Documentação Técnica e Certificação

CAPÍTULO 3.1: ESPECIFICAÇÕES TÉCNICAS

✓ **APROVADO.**

Especificações técnicas dos materiais e processos.

VALIDAÇÃO E VERIFICAÇÃO

Acção	Responsável	Data	Assinatura
Elaborado por: Tecnico da Qualidade	José Antunes	31/03/2025	
Aprovado por: Diretor de Obra	Luis salvado	01/04/2025	



Notas/Observações:

VALIDAÇÃO REPSOL	ASSINATURA/CARIMBO
Responsável:	
Data:	

DOSSIER DE QUALIDADE		
	Empreitada:	DOCUMENTO Nº:
	4001008 - "Nuevas Plantas de Poliolefinas, Plataformas Logísticas Y Offsites"	DATA:
		31/01/2025
		FOLHA Nº : / DE:

3.1 PLANOS DE OBRA

ITEM	DESCRIÇÃO DOCUMENTAL	VERSÃO	DATA
1	LISTA DE PLANOS DE OBRA	LPO-R01	31/03/2025
2			
3			
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14			
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31/01/2025			
Data	Qualidade	Director Obra	Repsol
	Verificado	Aprovado	Cliente

ASCH INFRAESTRUTURAS Y SERVICIOS									CONTROLO DE PLANO E SEGUIMENTO																											
RECEBIDO POR	RECEÇÃO	LOCAL	TIPO FICHEIRO	TAMANHO PAPEL	Emissor	CLASSE	PROJETO	Nº DO PLANO	SEGMENTO	TÍTULO DO PLANO	FOLHA	Rev.	Data	Transm	Rev.	Data	Transm	Rev.	Data	Transm	Rev.	Data	Transm	Rev.	Data	Transm	Rev.	Data	Transm	Rev.	Data	Transm				
ASCH	17/10/2023	SINES (REPSOL)	PDF / DWG	A1	AYESA M. VIDIGAL		ALBA	26-000-8-08-01508_Fl03	Esfera Butadieno	BUTENE SPHERE AREA - PIPE RACK. FOUNDATION _Sh3	3/3	0	18/10/2023	79																						
ASCH	28/07/2023	SINES (REPSOL)	PDF	A1	-	Q	SIGAS	26-000-8-08-01152	ZONA DE ESFERAS	BUND WALL PLAN, SECTIONS AND DETAILS	1/1	02																								
ASCH	28/07/2023	SINES (REPSOL)	PDF	A1	-	Q	SIGAS	26-000-8-08-01153-Fl01	ZONA DE ESFERAS	FOUNDATION FOR MISCELLANEOUS PLATFORMS	1/1	'00																								
ASCH	28/07/2023	SINES (REPSOL)	PDF	A1	-	Q	SIGAS	26-000-8-08-01155-Fl01	RACK ZONA DE ESFERAS	FOUNDATION FOR FLARE SUPPORTS AND SLEEPERS	1/1	01																								
ASCH	28/07/2023	SINES (REPSOL)	PDF	A1	-	Q	INDEFINIDO	26-000-8-08-01156-Fl01	NORTE AV.7	FLARE LINE NORTH AV.8 SUPPORTS FOUNDATION. PLAN & SECTIONS	1/1	01																								
ASCH	28/07/2023	SINES (REPSOL)	PDF	A1	-	Q	SIGAS	26-000-8-08-01158-Fl01	ZONA DE ESFERAS	BUND WALL	1/1	04																								
ASCH	28/07/2023	SINES (REPSOL)	PDF	A1	-	Q	SIGAS	26-000-8-08-1159-Fl01	ZONA DE ESFERAS	FOUNDATIONS FOR MISCELLANEOUS PLATFORMS, SUPPORTS AND SLEEPERS	1/1	01																								
ASCH	28/07/2023	SINES (REPSOL)	PDF/DWG	A1	-	Q	SIGAS	26-000-8-08-1160-Fl01	RACK ZONA DE ESFERAS	FOUNDATION FOR PIPE BRIDGE	1/1	02			3	09/11/2023	91																			
ASCH	10/01/2024	SINES (REPSOL)	PDF/DWG	A0	AYESA M. VIDIGAL	Q	ALBA	26-000-8-08-01521	ZONA DE ESFERAS	INTERCONNECTING PIPE RACK_ NORTH AVENUE 8. FOUNDATIONS - GENERAL ARRANGEMENT KEY PLAN	1/1	0	09/01/2024	142																						
ASCH	10/01/2024	SINES (REPSOL)	PDF/DWG	A1	AYESA M. VIDIGAL	Q	ALBA	26-000-8-08-01522-Fl01	AV.8	INTERCONNECTING PIPE RACK_ NORTH AVENUE 8. FOUNDATIONS & PIER DETAILS_Sh1	1/2	0	09/01/2024	142																						
ASCH	10/01/2024	SINES (REPSOL)	PDF/DWG	A1	AYESA M. VIDIGAL	Q	ALBA	26-000-8-08-01522-Fl02	AV.8	INTERCONNECTING PIPE RACK_ NORTH AVENUE 8. FOUNDATIONS & PIER DETAILS_Sh2	2/2	0	09/01/2024	142																						
ASCH	01/09/2023	SINES (REPSOL)	PDF/DWG	A0	-	Q	ALBA	26-000-8-10-01151-Fl02	ZONA DE ESFERAS	ETHYLENE PLANT-INTERNAL ROADS AND PAVEMENTS SECTIONS & DETAILS	2/2	01			2	16/02/2024	209																			
ASCH	01/09/2023	SINES (REPSOL)	PDF/DWG	A0	-	Q	SIGAS	26-000-8-10-01151_Fl01	ZONA DE ESFERAS	ETHYLENE PLANT-INTERNAL ROADS AND PAVEMENTS	1/2	08			9	16/02/2024	209																			
ASCH	25/07/2023	SINES (REPSOL)	PDF /DWG	A0	-	Q	INDEFIDIO	4001027-GR-001-Fl01	GERAL	ZONA DE ESTALEIROS-INFRAESTRUTURAS ENTERRADAS	1/1	10																								
ASCH	11/05/2023	SINES (REPSOL)	PDF / DWG	A0	-	A	INDEFINIDO	41-000-0-01-00002-Fl01	GERAL	COOLING WATER AREA PLOT PLAN	1	04																								
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A0	-	A	INDEFINIDO	41-000-1-01-00002-Fl01	GERAL	P & ID SISTEMA INTERLIGAÇÃO DE FLUIDOS DIAGRAMA DE TUBAGEM E INSTRUMENTAÇÃO	1 / 1	17																								
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A0	-	A	INDEFINIDO	41-000-1-01-00002-Fl01-PD	GERAL	P & ID SISTEMA INTERLIGAÇÃO DE FLUIDOS DIAGRAMA DE TUBAGEM E INSTRUMENTAÇÃO	1 PD	16																								
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A1	-	A	INDEFINIDO	41-000-1-01-00007-Fl01-PD	GERAL	P & ID POLYOLEFINS OFF-SITES. INSTALAÇÃO DE HIDROGÉNIO DIAGRAMA DE TUBAGEM E INSTRUMENTAÇÃO	1 / 1	07																								
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A1	-	Q	ALBA	41-000-3-03-01501-Fl01	SEGMENTOS 12, 13	POLYOLEFINS OFFSITES LDPE- HDPE- PSA. SHELTER AND SUPPORTS	1 / 1	01																								
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A1	-	Q	ALBA	41-000-3-03-01501-Fl02	SEGMENTOS 12, 13	PSA. SHELTER AND SUPPORTS DETAILS	2 / 2	00																								
ASCH	25/07/2023	SINES (REPSOL)	PDF/DWG	A0	-	P	INDEFINIDO	41-000-7-06-00001-Fl01	GERAL	OFF-SITES GERAIS REDE DE TERRAS	1/1	05																								
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A0	-	A	ALBA	42-000-1-01-000001-Fl06	GERAL	P & ID. POLYOLEFINS OFF-SITES PP / LLDPE. FLARE INTERCONNECTIONS	6 / 7	00																								
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A0	-	A	ALBA	42-000-1-01-00001-Fl02	GERAL	P & ID. POLYOLEFINS OFF-SITES PP / LLDPE. INTERCONNECTING LINES STEAM AND CONDENSATE	2 / 7	00																								
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A0	-	A	ALBA	42-000-1-01-00001-Fl04	GERAL	P & ID. POLYOLEFINS OFF-SITES PP / LLDPE. INTERCONNECTING LINES FUEL GAS	4 / 7	00																								
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A0	-	A	ALBA	42-000-1-01-00001-Fl07	GERAL	P & ID. POLYOLEFINS OFF-SITES PP / LLDPE. PEROXIDES STORAGE	7 / 7	00																								
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A1	-	Q	ALBA	42-000-3-00-00001-Fl01	GERAL	STEEL STRUCTURES GENERAL NOTES	1 / 1	00																								
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A0	-	P	ALBA	42-000-7-06-00003-Fl01	SEGMENTOS 11, 12	POLYOLEFINS OFFSITES PP_LLDPE. PEROXIDES CHAMBERS-EARTHING LAYOUT	1 / 1	00																								
ASCH	25/07/2023	SINES (REPSOL)	PDF/DWG	A1	-	P	AV27	42-000-7-06-00007-Fl01	RACK AVENIDA 27	POLYOLEFINS OFF-SITES PP-LLDPE-PIPE RACK PP_PEL_PL-EARTHING LAYOUT	1 / 1	00			1	19/02/2024	226																			
ASCH	11/0572022	SINES (REPSOL)	PDF	A	-	Q	ALBA	42-000-8-00-00014-Fl01	GERAL	CIVIL WORKS GENERAL NOTES	1/1	00																								
ASCH	07/09/2023	SINES (REPSOL)	PDF/DWG	A0	-	Q	ALBA	42-000-8-08-00001-Fl01	RACK AVENIDA 27	INTERCONNECTING PIPE RACK PP & PEL. FOUNDATIONS. GENERAL ARRANGEMENT KEY PLAN	1/1	3																								
ASCH	07/09/2023	SINES (REPSOL)	PDF/DWG	A1	-	Q	ALBA	42-000-8-08-00002-Fl01	RACK AVENIDA 27	INTERCONNECTING PIPE RACK PP & PEL WEST SIDE. AVENUE 27. FOUNDATION DETAILS	1/3	2																								
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A1	-	Q	ALBA	42-000-8-08-00002-Fl02	RACK AVENIDA 27	INTERCONNECTING PIPE RACK PP & PEL WEST SIDE. AVENUE 27. FOUNDATION DETAILS	2 / 3	2																								
ASCH	07/09/2023	SINES (REPSOL)	PDF/DWG	A1	-	Q	ALBA	42-000-8-08-00002-Fl03	RACK AVENIDA 27	INTERCONNECTING PIPE RACK PP & PEL WEST SIDE. AVENUE 27. FOUNDATION DETAILS	3/3	02																								
ASCH	25/07/2023	SINES (REPSOL)	PDF/DWG	A1	-	Q	ALBA	42-000-8-08-00003-Fl01	SEGMENTOS Ah, Ai, Aj	OFFSITES ALBA INTERCONNECTING PIPE RACK PP & PEL EAST SIDE. AVENUE 1. FOUNDATIONS DETAILS	1/2	00																								
ASCH	25/07/2023	SINES (REPSOL)	PDF/DWG	A0	-	Q	ALBA	42-000-8-08-00005-Fl01	RACK AVENIDA 27	OFFSITES ALBA SLEEPERS AND SUPPORTS, FOUNDATIONS AVENUE 27. GENERAL ARRANGEMENT & DETAILS	1/1	00																								
ASCH	31/10/2023	SINES (REPSOL)	PDF/DWG	A1	-	Q	ALBA	42-000-8-08-00006-Fl01	RACK AVENIDA 27	POLYOLEFINS OFF-SITES PP/LLDPE - HYDROGEN INTERCONNECTING PIPE RACK. FOUNDATIONS	1/1	0	02/11/2023	87																						
ASCH		SINES (REPSOL)	PDF/DWG		-		ALBA	42-000-8-08-00006-Fl02	RACK AVENIDA 28	POLYOLEFINS OFF-SITES PP/LLDPE - HYDROGEN INTERCONNECTING PIPE RACK. FOUNDATIONS. Fl02	1/1	0																								
ASCH	11/06/2023	SINES (REPSOL)	PDF / DWG	A0	AYESA M. VIDIGAL	Q	ALBA	42-000-8-09-00013-Fl01	Aa, Ab, Ac, Ad, Ae, Af, Ag, Ah, Ai, Aj	PP -PEL EXTERNAL ROADS AND PAVEMENT	1 / 6	00																								

INFRASCH										CONTROLO DE PLANO E SEGUIMENTO																			
RECEBIDO POR	RECEÇÃO	LOCAL	TIPO FICHEIRO	TAMANHO PAPEL	Emissor	CLASSE	PROIETO	Nº DO PLANO	SEGMENTO	TÍTULO DO PLANO	FOLHA	Rev.	Data	Transm	Rev.	Data	Transm	Rev.	Data	Transm	Rev.	Data	Transm	Rev.	Data	Transm	Rev.	Data	Transm
ASCH	11/06/2023	SINES (REPSOL)	PDF / DWG	A1	AYESA M. VIDIGAL	Q	ALBA	42-000-8-09-00013-FL01-PD	AVENUE 1SEGMENTOS Ah, Ai, Aj	PP- PEL EXTERNAL ROADS AND PAVEMENT . -PARTIAL DEMOLITION	1 PD	00																	
ASCH	11/06/2023	SINES (REPSOL)	PDF / DWG	A1	AYESA M. VIDIGAL	Q	NI	42-000-8-09-00013-FL02	Aa, Ab, ACaXis 1	PP-PEL EXTERNAL ROADS AND PAVEMENT LONGITUDINAL AND TRANSVERSE SECTIONS	2 / 6	00																	
ASCH	11/06/2023	SINES (REPSOL)	PDF / DWG	A1	AYESA M. VIDIGAL	Q	NI	42-000-8-09-00013-FL03	Ac, Af, Ag, AJAxis 2	PP-PEL EXTERNAL ROADS AND PAVEMENT LONGITUDINAL AND TRANSVERSE SECTIONS	3 / 6	00																	
ASCH	11/06/2023	SINES (REPSOL)	PDF / DWG	A1	AYESA M. VIDIGAL	Q	ALBA	42-000-8-09-00013-FL04	Ah, Ai, AJAxis 3, Axis 4	PP-PEL EXTERNAL ROADS AND PAVEMENT LONGITUDINAL AND TRANSVERSE SECTIONS	4 / 6	00																	
ASCH	11/05/2023	SINES (REPSOL)	PDF/DWG	A1	-	Q	ALBA	42-000-8-09-00013-FL05	SEGMENTOS Aa, Ab, Ac, Ah, Ai, Aj	PP-PEL EXTERNAL ROADS AND PAVEMENT. PROTECTION.	5/6	00																	
ASCH	11/05/2023	SINES (REPSOL)	PDF/DWG	A1	-	Q	ALBA	42-000-8-09-00013-FL06	SEGMENTOS Aa,AB,AC,Ad,Ae,Af,Ag,Ah,Ai,Aj	PP-PEL EXTERNAL ROADS AND PAVEMENT EXCAVATION PROFILES	6/6	00																	
ACH	11/05/2023	SINES (REPSOL)	PDF/DWG	A0	-	A	INDEFINIDO	43-000-0-01-00001-FL01	HEXENE TANK	HEXENE TANK AREA PLOT PLAN	1/1	00																	
ASCH	11/05/2023	SINES (REPSOL)	PDF/DWG	A0	-	A	ALBA	44-000-0-01-00001-FL01	GERAL	FLARE Nº4 AREA PLOT PLAN	1/1	00																	
ASCH	11/05/2023	SINES (REPSOL)	PDF/DWG	A0	-	A	INDEFINIDO	80-000-0-01-00010-FL01	ESTALEIRO	TEMPORARY FACILITIES AREA-PLOT PLAN	1/1	00																	
ASCH	11/06/2023	SINES (REPSOL)	PDF / DWG	A0	AYESA M. VIDIGAL	Q	INDEFINIDO	80-000-8-00-00002-FL01	Ah, Ai, Aj	ZONA DE ESTALEIROS-PLANTA MOVIMENTAÇÃO TERRAS	1 / 1	09																	
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A0	AYESA M. VIDIGAL	Q	INDEFINIDO	80-000-8-00-00004-FL01	GERAL	ZONA DE ESTALEIROS-MOVIMENTAÇÃO TERRAS-SECÇÕES O-E	1 / 2	07																	
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A0	-	Q	ALBA	80-000-8-00-00007-FL01	Ah, Ai, Aj	EARTHWORKS DRAWINGS-PIPING RACK ZONE	1 / 2	01																	
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A0	-	Q	ALBA	80-000-8-00-00007-FL02	Ah, Ai, Aj	EARTHWORK DRAWINGS PIPING RACK ZONE SECTIONS	2 / 2	01																	
ASCH	11/05/2023	SINES (REPSOL)	PDF /DWG	A0	AYESA M. VIDIGAL	Q	ALBA	80-000-8-00-00010-FL01	GERAL	CONTRACTOR'S AREA FOUNSATION GENERAL ARRANGEMENT	1 / 2	01																	
ASCH	11/06/2023	SINES (REPSOL)	PDF / DWG	A1	AYESA M. VIDIGAL	Q	ALBA	80-000-8-00-00010-FL02	GERAL	CONTRACTORS AREA FOUNDATION EQUIPMENTS-DETAILS	2 / 2	00																	
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A1	-	Q	ALBA	80-000-8-01-00013-FL01	GERAL	CONTRACTOR'S AREA-DRAINAGE AND BURIED SYSTEMS DET	1 / 3	03																	
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A1	-	Q	ALBA	80-000-8-01-00013-FL02	GERAL	CONTRACTOR'S AREA-DRAINAGE AND BURIED SYSTEMS DETAILS	2 / 3	04																	
ASCH	12/06/2023	SINES (REPSOL)	PDF / DWG	A1	-	Q	ALBA	80-000-8-01-00013-FL03	GERAL	CONTRACTOR'S AREA-DRAINAGE AND BURIED SYSTEMS DETAILS	3 / 3	01																	
ASCH	11/06/2023	SINES (REPSOL)	PDF / DWG	A0	AYESA M. VIDIGAL	Q	INDF.	80-000-8-01-00056-FL01	GERAL	TEMPORARY FACILITIES -WAREHOUSE FOUNDATION	1 / 1	00																	
ASCH	07/07/2023	SINES (REPSOL)	PDF	A4	-		INDEFINIDO	W4008OFF-IT-010-R0A	GERAL	OFFSITES ALBAPROJECT GEOTHECNICAL CONSIDERATIONS FOR CIS	3 / 3	A																	
ASCH	23/02/2024	SINES (REPSOL)	PDF	A3	AYESA M. VIDIGAL		ALBA	00-000-0-04-00100	GERAL	SITE PLOT PLAN GENERAL-SEWER SYSTEMS	1 / 1	3	23/02/2024	238															
ASCH	23/02/2024	SINES (REPSOL)	PDF	A3	AYESA M. VIDIGAL		ALBA	00-000-0-01-00006	GERAL	SINES SITE-PLOT PLAN -PIEZOMETERS IMPLANTATION	1 / 1	13	23/02/2024	238															
ASCH	23/02/2024	SINES (REPSOL)	PDF	A3	AYESA M. VIDIGAL		ALBA	00-000-0-05-00001	GERAL	REDE GERAL DE INCÊNDIOS-FIRE WATER	1 / 1	48	23/02/2024	238															
ASCH	23/02/2024	SINES (REPSOL)	PDF	A3	AYESA M. VIDIGAL		ALBA	00-000-7-01-00001	GERAL	RESUMO DE CAMINHOS PRINCIPAIS DE CABOS ELÉCTRICOS SUBTERRÂNEOS - 6 E 30kV-UNDERGROUND CABLE ROUTING	1 / 1	14	23/02/2024	238															
ASCH	23/02/2024	SINES (REPSOL)	PDF	A3	AYESA M. VIDIGAL		ALBA	71-150-8-00-01001-FL06	GERAL	CABLE ROUTING AND SECTIONS-PLAN VIEW-FL06	6 / 25	6	23/02/2024	238															
ASCH	23/02/2024	SINES (REPSOL)	PDF / DWG	A3	AYESA M. VIDIGAL		ALBA	26-000-8-04-01505-FL01	ESFERA BUTENO	ETHYLENE PLANT-BUTENE PUMPS BUND-DETAILS-FL01	1 / 2	0	23/02/2024	239															
ASCH	23/02/2024	SINES (REPSOL)	PDF / DWG	A3	AYESA M. VIDIGAL		ALBA	26-000-8-04-01505-FL02	ESFERA BUTENO	ETHYLENE PLANT-BUTENE AREA-PUMPS FOUNDATIONS-FL02	2 / 2	0	23/02/2024	239															
ASCH	18/03/2024	SINES (REPSOL)	PDF +Excel	A3	AYESA M. VIDIGAL		ALBA	W4008 - P&IDS Sistemas	GERAL	PI&DS Sistemas + Excel Identificação Sistemas Operativos	43 folhas	6	18/03/2024	261															