

SECTION	SOFTWARE	DESCRIPTION
Civil & Structures	<i>CDS</i>	Structural Analysis/Calculation
		Calculation of piers and plinth
		Bulkhead/Retaining Walls Calculation
		Platform/Floor calculation
		Calculation of Bearing Walls
	<i>MasterSAP</i>	Analysis, verifications and structural drawing
		Modelling
	<i>MathCAD</i>	Carrying out, verification and reporting of engineering calculations
	<i>Strucad</i>	Steel Structure Design
<i>Tekla</i>	Design of Steel Structures and Steel Shapes	
<i>Meridiana</i>	Topographic Surveys	
<i>CPIWIN REI ACCIAIO</i>	Fire proofing	
<i>Hilti Profis Anchor</i>	Calculation and Design of anchorages	
Process & Equipment	<i>Prog Ex</i>	Classification of Hazardous Areas
	<i>Pro Ex Dust</i>	Classification of Hazardous Areas
	<i>Sant'Ambrogio</i>	Verification of static equipment according to ASME Section VIII division 1 and division 2, AD 2000, VSR, VSG and EN 13445
	<i>Piping Fluid Flow</i>	Hydraulic Calculations
	<i>Pipesim</i>	
	<i>Flowmaster</i>	
	<i>AFT IMPULSE</i>	
	<i>PRO II</i>	Process Verification / Design
	<i>HYSYS</i>	Process Verification / Design
	<i>MT</i>	Pressure vessels mechanical design
		Base components mechanical design
	<i>EPANET</i>	Firefighting System design
	<i>Flaresim</i>	Thermal Radiation
<i>Flarenet</i>	Flare Hydraulics	
Scheduling	<i>Project 2019</i>	Plan development, resources/task assignments, progress tracking, budget management, workload analysis
	<i>Primavera P6v7</i>	
General	<i>Navisworks</i>	Tool for 3D modeling/3D review
	<i>AutoCAD 2019</i>	Tool for general 2D/3D drawing production
	<i>AutoCAD 2010</i>	Tool for general 2D/3D drawing production
Mechanical & Piping	<i>PDS</i>	Management of Section Database
		Piping Modeling
		Equipment Modeling
		Modeling of Framework
		Plant Design Sistem
	<i>PV Elite</i>	Design of pressure tanks and heat exchangers
	<i>Smart Plan 3D</i>	3D Modeling and Design
	<i>Smart Plan P&I</i>	P&I Modeling
	<i>Microstation</i>	3D Modeling and Design
	<i>EsaPro ISO</i>	Isometric Drawings
	<i>Puma 5</i>	Management of Job Materials (Import / Export MTO), production Piping Specifications (Export of Specifications for PDS/EsaPRO iso), production of insulations/painting/track Specifications, MTO of insulations/painting/tracing materials.
	<i>CAESAR II</i>	Stress Analysis
	<i>FastPipe</i>	Local FEM analysis of piping and equipment
	<i>FE Pipe</i>	Finite Elements Verification of Equipment
	<i>CadMatic</i>	Piping 3D Modelling; Tekla/Caesar II Interface
	<i>CadWorx</i>	Modellazione impiantistica 3D
		CadWorx Plant pro 2018 18.0
CadWorx PID PRO 2018 18.0 CadWorx Structure 2018 v2.0		
<i>Pointools View</i>	Display/measurement of point clouds	
<i>AVEVA PDMS</i>	Management of Specification Database	
	Equipment Modeling	
	Piping Modeling	
	Framework Modeling	
	Piping Supports Modeling	
<i>Pipe Data Pro</i>	Dimensional Rule for Piping Components	
Electrical & Instrumentation	<i>Ampere Prof</i>	Verification/Designing of Electrical/Wiring System
	<i>Prysmian JDC</i>	Verification of voltage drop
	<i>Dialux</i>	Lighting calculations
	<i>DEHN</i>	Verification of the Protection from Lighting
	<i>SKM Power Tool PTW</i>	Analysis of Electrical Wiring/Distribution Network