

Pipeline Alignment Sheet Generator

Comprehensive package for Engineering Alignment Sheet Generation



<http://www.secon.in>

About SECON

SECON is an ISO 9001:2008 certified firm. In addition to Multidisciplinary design consultancy services, SECON provides end-to-end services on Geospatial & Engineering including Data Capture, Processing, Design & Drafting, GIS Based Customization and Application Development.

SECON's practice areas include:

- Comprehensive Engineering and Mapping solutions for Highways, Irrigation, Cross Country Pipelines, Infrastructure, Public Health Engineering etc. on Onshore - Offshore model
- Web-enabled Enterprise GIS and Software Development
- Photogrammetry, LiDAR and Satellite Image Processing
- GIS/ CADD Data Development and Maintenance
- Engineering Design Solutions

Introduction

PASG developed by SECON using AutoCAD tools provides an efficient and effective way to generate Alignment sheets, Cross sections and various Reports. It helps to customize information that can be plotted on alignment sheets. Besides generating alignment sheets, it allows to deal with engineering data. Option to perform desired operation pertaining to pipe and bends like straight pipes, mitred pipes, spool pipes, factory bends, etc. PASG is equipped with functionality to upload data from survey drawing file and from CSV (Comma Separated Values) files. This data can be categorized as survey data collected from Total Station, crossing data (Railway Crossing, River Crossing, Road Crossing, etc.). It keeps track of voluminous data belonging to each project & pipeline combination and allows you to set parameter/ properties of project to generate better and effective output.

PASG eliminates manual or semi-automated alignment sheet generation and engineering data management, which consume a lot of time and effort. It is a user-friendly, robust, accurate, efficient and fast alignment sheet generation tool ushered for the rescue of companies offering consultancy services for pipeline industry.



GIS is our Passion. Quality is our Commitment.

What PASG does for you:

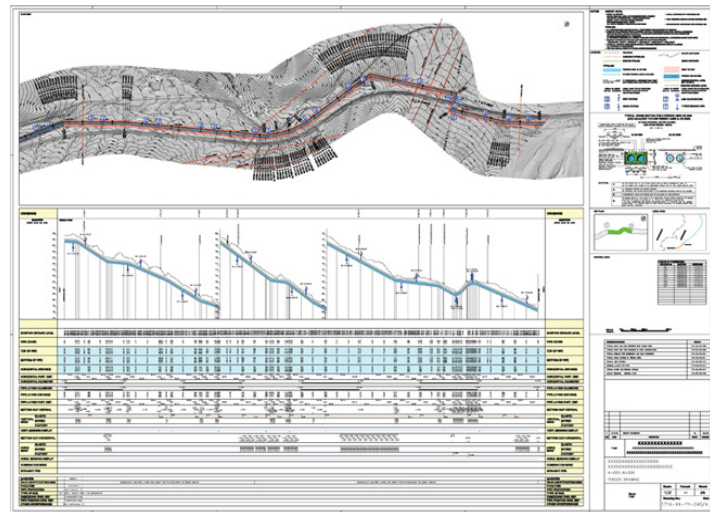
- Generate seamless AutoCAD drawing (DWG) file using survey data stored in a CSV file
- Facility to read and store AutoCAD drawing into database for future use
- Generation of Engineering drawings
- Pipeline Engineering
- Generation and management of alignment sheets
- Establishment of bill of quantities automatically
- Survey data management and reproduction
- Systematic arrangement of drawing objects into relevant layers for ready reference and analysis
- Creation and maintenance of template files for effective and efficient presentation of data
- Feature code management (symbology and labelling)
- Facility to customize Join Type for point features specified in your CSV file
- Facility to add new column delimiters
- Sheet indexing and match line management

What benefits you will get:

- Reduce design, drawing generations - effort, time and cost
- Proper management and efficient storage of data
- Intelligent user interface gives you comfortable feeling
- PASG gives you instant access to reports. All desired reports are available at the click of a button.
- You will be an expert of using PASG within a few hours
- Extensive security mechanisms with the help of hardware lock and user management feature

Main Features of PASG

- WYSIWYG (What You See Is What You Get) User Interface
- Extract entities and their attributes from an AutoCAD drawing
- Upload data from a Comma Separated Values (CSV) file
- Generation of alignment sheets and crossings
- Pipeline engineering
- Generation of BOQ Reports
- Advance option to standardize drawing files using user standard settings
- Feature Code manager
- Automatic split feature in plan and profile section
- Numerical bands with tailoring options
- Dynamic help



Partnering with SECON in developing an automated alignment sheet and reporting software was extremely successful and rewarding. Not to forget the ongoing excellent, prompt and friendly customer service.

we truly found in SECON a partner we can trust and our close relationship will surely carry us into the future.

Thus, we can only recommend SECON as the partner you are looking for..

Director, European Consulting Firm.

Contact Us

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