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The webinars covered the main features and supported codes of PASS/START-PROF for a specific industry as well as the presentation of new software options. In PASS/START-PROF everything is simple and straightforward, since you are working with modern object model. Its Working, Types, and Applications (PDF) PASS/START-PROF provides comprehensive pipe stress, flexibility, stability, and fatigue strength analysis with related sizing calculations according to international and national codes and standards. PASS/START-PROF is successfully used in many industries: Power and District Heating, Oil and Gas, Process, Chemistry, Metallurgy, Other Industries. PASS/START-PROF can import piping models ready for analysis from CADWorx, SmartPlant 3D, AVEVA PDMS, AVEVA E3D, Autodesk REVIT, Bentley Autopipe, HEXAGON CAESAR II, OpenPlant, Autoplant, Smart 3D, etc. Home Other Piping Design Software Installation Files. Click on a link of interest below to get download files and installation instructions. **checkSTRESS HOT** clash data TRANSLATORS SST License Manager (SSTLM) Many of you are aware that recently PASS team has released a significant update of their stress analysis software START-PROF. To use ASME B31J in PASS/START-PROF you can just turn on the option "ASME B31J". PASS/START-PROF software is designed for rapid flexibility estimation of piping fittings, their strength and stability analysis. No need to convert whole model using other software. Table cells with a problem are marked with a red color. Readers can download the presentation PASS/START-PROF What's New in 4.84 version: English PDF, Spanish PDF. Webinar 2. PASS/START-PROF offers quick 1st hand support from developers and from experienced piping engineers in UK, China, Mexico, Brazil, Australia, Egypt, Turkey and other countries. PASS/START-PROF has a smart, intuitive and friendly user interface and user's manual in English, Chinese, and Russian languages. 3. Companies can put PASS/START-PROF into application immediately after purchase, significantly reducing costs in time saved without compromising on the quality of end results. Fast piping modeling allows even the beginner without any special training to be able to perform pipe stress analysis. CAEPIPE Review can be used to read and review CAEPIPE models of any size. English PDF, Spanish PDF. Watch the Webinar recording [Video]. Webinar recording explaining process and power piping stress analysis capabilities. Webinar 3. Capabilities for District Heating Systems Stress Analysis. Learn how you can easily analyze the district heating systems without worrying. Engineers can deliver a good quality pipe stress analysis using PASS/START-PROF with minimal training and guidance. What's new in PASS / START-PROF 4.84. This presentation explains regarding the all updated features of PASS/Start-Prof with respect to its earlier version. You can modify your model without any problem after import. Complete the form below and submit to receive a link to download one of the CAEPIPE Review files below. Download the presentation PASS/START-PROF Capabilities for District Heating Industry: English PDF, Spanish PDF. Watch the recording [Video]. Recorded Webinar of Capabilities for District Heating Systems Stress Analysis. Overview of Pipe Stress Analysis software START-Prof. Overview of Pipe Stress Analysis software START-Prof. Link to An Overview of Linear and Non-Linear Analysis in Piping Stress Calculations (PDF). Link to What is a Blowdown Valve (BDV)? It also checks flange leakage, pump and equipment loads, buried and above ground pipeline longitudinal stability, pipe wall stability under vacuum, and other loads. PASS/START-PROF is so smart that you need just draw the piping like in 3D modeling software and push the button "run analysis". Below you can find the recordings and can download slideshows in PDF format. Webinar 1. Capabilities for Oil & Gas Gathering, Upstream and Midstream Pipelines. This section explains the ability of the Start-Prof software to accurately analysing oil & gas gathering, upstream and midstream pipelines. PASS/START-PROF can analyze a wide range of materials used in pipelines including: steel, nonferrous materials, plastic pipes and fittings, orthotropic materials such as fiberglass, reinforced plastic, glass reinforced plastics, and glass reinforced epoxy. CAEPIPE Review can also be used to create large stress models, thereby allowing new users to learn modeling features of CAEPIPE. Support response speed and quality is guaranteed and can be offered on regional language. PASS/START-PROF user should think about piping design, not about node numbering, model creation, etc. In this article, we will learn the stress analysis basics directly from the developers of the oldest piping stress analysis software. Learn how PASS/START-PROF can significantly increase your productivity, save time, and increase accuracy while piping model creation, its analysis, and reports generation. Capabilities for Pipe Stress Analysis of Power and Process Piping Systems. In this webinar, the pipe stress analysis capabilities of process and power piping systems are explained thoroughly. All results can be presented in any coordinate system: global, local. Download the file using the link received via email. Besides the analysis of arbitrary configuration pipelines, we have implemented a working tool along with a piping handbook for piping designer – a START-Elements option. Features and Advantages. Broad Applicability. Pipelines that can be analyzed include piping for: process and power, gas and oil transportation, district heating piping, hot water supply, and more. Follow all instructions to complete your installation of the free CAEPIPE Review copy. The webinar recording is also attached for learning directly from the PASS team. Download the presentation PASS/START-PROF Capabilities for Oil & Gas Gathering, Upstream and Midstream Pipelines: English PDF, Spanish PDF. Watch the recording [Video]. Stress Analysis Webinar Recording on Oil & Gas Gathering, Upstream and Midstream Pipelines. Webinar 4. Big Buried Central Heating Network Stress Analysis in Start-Prof. Buried Central Heating Network in Universal Studios Beijing Theme Park & Resort, by WorleyParsons. Power Piping Stress Analysis With Creep Effect. Pipe Properties by ASME B31.1. Piping Model in Start-Prof. Start-Prof Chinese User Interface. Code Stress Results Table with Detailed Stress Calculation Information. Process Piping Model in Start-Prof. Start-Prof 4.83 Supported Code List. An intuitive object-oriented piping model is used for easy modeling of piping systems that consists of following objects: System Requirements, x86-64 architecture processor, Video card with OpenGL 2.0+ support and 1GB+ of RAM. Display resolution at least 1280x1024. Request for more information. Along with the analysis of piping systems of any complexity, PASS/START-PROF performs a wide spectrum of calculations "on the fly" thereby helping piping designers to make the right decisions. 1. First introduced in 1965, PASS/START-PROF combines a highly efficient solver, powerful analysis features, a user friendly GUI, an intuitive 3D graphical pre/post-processor, and a detailed help system with embedded intelligence from generations of piping design experts. Pipelines with various types of restraints, fittings, and expansion joints can be easily evaluated. START-Elements allows the user to do the following: Analyze stress of L, Z and U-shaped piping loops (buried and above-ground). Pipe and fitting wall thickness calculation or maximum pressure allowed according to the code selected. Calculate maximum allowable distances between supports via strength and stiffness analysis. Check general and local stability of straight and curved pipe elements under the thermal expansion, external pressure (vacuum) and soil pressure loads. Calculate minimum pipeline laying depth for underground pipeline stability analysis. Calculate maximum pipeline laying depth for buried pipeline by polyurethane insulation stress analysis. Calculate allowable load on saddle support for large-diameter pipes. Calculate allowable distances between single action (one time) compensators and their closing temperature. Calculate bellows stiffness if the manufacturer's data are absent. Flange leak check. Centrifugal pump load check per API 610 (ISO 13709), GOST 32601-2013 and Kellogg method (L.C. Peng Pipe stress engineering). Process and piping engineers of more than 3,000 companies in many countries already use the software every day for stress analysis and design of different types of pipelines. "Export to ..." "Save" & "Save As", and "Analyze" CAEPIPE Review can also be used to import and review pipe stress models from CAESAR II (.cii files), AutoPIPE (via .cii Export from AutoPIPE), Rohr2 (via .cii Export from Rohr2) and PipePak. So, it can be distributed free of license fees, to pipe stress supervisors and clients for them to review CAEPIPE stress models and their results. PASS/START-PROF® - Renowned, one of the first world commercial piping stress analysis software. To model buried pipelines just select that pipe is buried. Users can download the presentation or can hear directly from the developers from the webinar recording added below the presentation. PASS/START-PROF is an ideal component for integration into any piping design workflow with interfaces to multiple design and analysis software tools. PASS/START-PROF also offers automatic selection of constant and variable spring supports. Currently, CAEPIPE Review has almost all the features of the full-fledged CAEPIPE; however, the following features are disabled in CAEPIPE Review. Due to modern object-oriented and intuitive user interface in PASS/START-PROF engineers can start working immediately, no need to spend a time for "how to push the buttons" training. User feedback is accepted and used to improve development of PASS/START-PROF. PASS/START-PROF calculates pipe and fitting wall thicknesses, span lengths, as well as sizes of typical piping assemblies. It can also be used to review, print, and plot the results for those models. PASS/START-PROF will tell you if your model has any problems and show where exactly. 2. Once you have downloaded (and if necessary, unzipped), double-click on the downloaded "kpipe1051-Review.exe" file. You don't have to bother with node numbering at all; you can modify your model at any moment using copying, rotating, mirroring, node renumbering, cut, copy, paste any part of the model, add nodes, delete nodes. Enabling new users to perform piping systems analysis of any size or complexity in days rather than months. You can compose your piping using objects like pipe, bend, tee, reducer, cap, expansion joint, restraint, valve, flange, and other like in 3D modeling software. This new edition has improved a lot of features and added new modules to make it self-sufficient in the piping stress industry. To support the launch of that new significant version of the modern pipe stress analysis software PASS/START-PROF 4.84. PASS Team held a series of industry-related webinars. All checks are made automatically: stresses, support loads, expansion joint deformations, flange leakage, buckling, loads on springs in all operating modes, stresses in insulation, and stresses in flaws. The following piping types are covered: Databases PASS/START-PROF include following databases: User Interface PASS/START-PROF has a smart, easy and friendly user interface with user manuals in English, Chinese, and Russian languages. PASS/START-PROF offers detailed pipe stress report with all equations that was used; you can check all equations manually. Stress, flexibility, stability, and fatigue strength analysis are performed for buried, above ground, vacuum, high pressure, high temperature, and cryogenic piping.

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