

# Global Engineering Network's PIPING STRESS ANALYSIS PROGRAM OFFSHORE & ONSHORE



**PROGRAM DURATION : 3.5 MONTHS**  
**SESSION HOURS : 42 HRS**  
**ASSESSMENT /  
MODEL REVIEW : 16 HRS**

**Piping stress analysis** evaluates potential stresses in a piping system, such as temperature, pressure, vibration, and corrosion, to ensure safe and efficient operation. It helps engineers determine the suitability of piping layout, material selection, and support design, ensuring structural integrity and flexibility.

The online live sessions will be provided, for the Critical Piping systems in onshore- Petrochemical, Refinery, & Buried piping, Offshore- FPSO & Fixed platform...

**Innovative Solutions Support Critical Quality  
Requirements & Create Reliable Project Success ...**

**DANLIN Engineers** creates a great **System** with high **Standard** with the experienced **Stress** engineers from the reputed background

**Register**  
NOW

**Batch starts on  
14th Feb 2026**



**Analysis Techniques of**

- Column & Reboilers
- Pump & Compressors
- Heat / Cool Exchangers
- Crude Separation / Stabilization Module
- Gas Compression Module
- Produced Water Separation Module
- Flare system & API Tanks
- FRP piping
- Buried Underground piping

**ASME B31.3, B31.8 & ISO14692  
API 610, API 617 & API 650**



We have developed future-ready engineers for 150+ companies.



## WHO WE ARE

DANLIN ENGINEERS is a professional engineering consultancy firm established in 2021 with the vision of delivering exceptional engineering solutions. The company specializes in providing comprehensive services across multiple disciplines, including piping, civil, structural, electrical, instrumentation, and mechanical engineering. With a commitment to innovation, precision, and sustainability, Danlin Engineers aims to be a trusted partner for industrial and infrastructure projects globally.



### OUR VISION

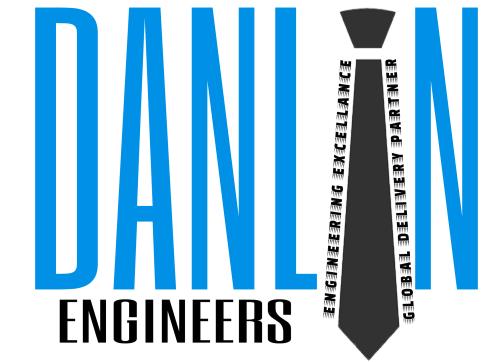
To be a leading engineering firm recognized globally for delivering innovative and sustainable solutions, fostering continuous growth and development for our candidates, team, and clients, and driving progress to improve lives.

### OUR MISSION

To provide exceptional engineering services through innovative design, quality craftsmanship, and a commitment to customer satisfaction. We aim to foster a collaborative and inclusive work environment and offer long-term support to enhance the skills and knowledge of our candidates, ensuring their growth and success in the engineering field.

### OUR VALUES

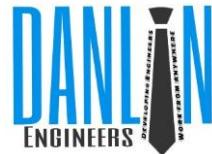
- Long-term support
- Integrity
- Innovation
- Excellence
- Customer Commitment
- Collaboration



## Contact Us

+91 8800604940  
 [www.danlin.in](http://www.danlin.in)  
 [engineers@danlin.in](mailto:engineers@danlin.in)

## PIPING STRESS ANALYSIS PROGRAM



S.NO	SCHEDULE	DAY	TOPICS	LEVELS
1	14-Feb-26	Saturday	DIFFERENT SCOPE OF PIPING	
2	15-Feb-26	Sunday	MATERIALS OF PIPING & FITTINGS, CODES & STANDARDS	
3	18-Feb-26	Wednesday	ASSESSMENT / MODEL REVIEW	
4	21-Feb-26	Saturday	PIPE WALL THICKNESS CALCULATION ( B31.3 & B31.8 ) & REINFORCEMENT TEE CALCULATION	
5	22-Feb-26	Sunday	INPUT & OUTPUT DOCUMENTS OF STRESS ENGINEER & CRITICAL LINE LIST PREPARATION	
6	25-Feb-26	Wednesday	ASSESSMENT / MODEL REVIEW	
7	28-Feb-26	Saturday	TYPE OF STRESSES & CLASSIC PIPING INPUT & TOOLS	
8	1-Mar-26	Sunday	EQUIPMENT ( ROTATING & STATIC )	
9	4-Mar-26	Wednesday	ASSESSMENT / MODEL REVIEW	
10	7-Mar-26	Saturday	LAYOUT ARRANGEMENT ( DETAILED- ONSHORE & FPSO MODULE ARRANGEMENT )	
11	8-Mar-26	Sunday	TYPE OF SUPPORTS & SPAN	
12	11-Mar-26	Wednesday	ASSESSMENT / MODEL REVIEW	
13	14-Mar-26	Saturday	LOAD CASE COMBINATION ( ONSHORE )	
14	15-Mar-26	Sunday	ALLOWABLE STRESS & LIBERAL STRESS CALCULATION	
15	18-Mar-26	Wednesday	ASSESSMENT / MODEL REVIEW	
16	21-Mar-26	Saturday	HOW TO USE ASME B31.3	
17	22-Mar-26	Sunday	HOW TO WORK WITH WIND & SEISMIC	
18	25-Mar-26	Wednesday	ASSESSMENT / MODEL REVIEW	
19	28-Mar-26	Saturday	HOW TO WORK WITH FORCE - SLUG, SURGE, SAFETY VALVE	
20	29-Mar-26	Sunday	FLANGE LEAKAGE TEST METHODS	
21	1-Apr-26	Wednesday	ASSESSMENT / MODEL REVIEW	
22	4-Apr-26	Saturday	NOZZLE ALLOWABLES CHECK- STATIC EQUIPMENTS	
23	5-Apr-26	Sunday	SPRING CONCEPT	
24	8-Apr-26	Wednesday	ASSESSMENT / MODEL REVIEW	
25	11-Apr-26	Saturday	TRUNION CHECK	
26	12-Apr-26	Sunday	DYNAMIC ANALYSIS - MODAL CHECK & EARTHQUAKE SPECTRUM	
27	15-Apr-26	Wednesday	ASSESSMENT / MODEL REVIEW	
28	18-Apr-26	Saturday	WRC METHOD	
29	19-Apr-26	Sunday	HOW TO WORK WITH UNIFORM LOADS ( SURGE, SWAY & HEAVE )	
30	22-Apr-26	Wednesday	ASSESSMENT / MODEL REVIEW	
31	25-Apr-26	Saturday	HOW TO WORK WITH DISPLACEMENT ( SAGG, HOGG & STRUCTURAL DEFLECTION )	
32	26-Apr-26	Sunday	LOAD CASE COMBINATION ( FPSO & FIXED PLATFORM )	
33	29-Apr-26	Wednesday	ASSESSMENT / MODEL REVIEW	
34	2-May-26	Saturday	ANALYSIS TECHNIQUES OF PUMP	
35	3-May-26	Sunday	ANALYSIS TECHNIQUES OF COMPRESSOR	
36	6-May-26	Wednesday	ASSESSMENT / MODEL REVIEW	
37	9-May-26	Saturday	ANALYSIS TECHNIQUES OF TANK PIPING	
38	10-May-26	Sunday	ANALYSIS TECHNIQUES OF COLUMN	
39	13-May-26	Wednesday	ASSESSMENT / MODEL REVIEW	
40	16-May-26	Saturday	ANALYSIS TECHNIQUES OF FLARE SYSTEM	
41	17-May-26	Sunday	ANALYSIS TECHNIQUES OF REBOILER	
42	20-May-26	Wednesday	ASSESSMENT / MODEL REVIEW	
43	23-May-26	Saturday	FRP PIPING	
44	24-May-26	Sunday	UNDERGROUND PIPING	
45	27-May-26	Wednesday	ASSESSMENT / MODEL REVIEW	
46	30-May-26	Saturday	WORK ALLOCATION METHODS & TECHNIQUES OF STRESS ANALYSIS	
47	31-May-26	Sunday	MAN HOURS CALCULATION FOR STRESS ANALYSIS	
48	3-Jun-26	Wednesday	ASSESSMENT / MODEL REVIEW	
49	6-Jun-26	Saturday	PROJECT MANAGEMENT - 49 PROCESS & KNOWLEDGE AREAS	
50	7-Jun-26	Sunday	POWER OF EXCEL	

Note : The schedule may vary due to any uncertain/occasional events.

Timing :	Saturday	3:30 PM to 4:45 PM IST - 1 hr 15 mins
	Sunday	8:30 PM to 9:45 PM IST - 1 hr 15 mins
	Wednesday	8:30 PM to 9:30 PM IST - 1:00 hrs

Fees excluded GST

FEES : RS 6499

FEES : RS 12,999

FEES : RS 16,999

FEES : RS 21,999

FEES : RS 26,999

FEES : RS 31,999