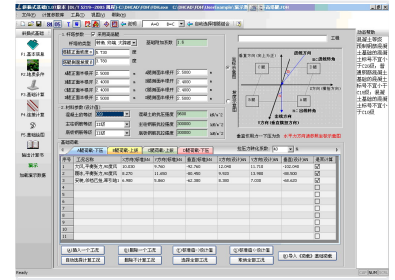


# Structural Engineering Analysis Software

This software is designed for structural engineering analysis and design, particularly for inclined foundations. It allows users to input parameters related to tower structures, material properties, and load conditions to calculate and analyze foundation stability and structural integrity.



## Product Overview

### Structural Engineering Analysis Software

This specialized software provides a comprehensive platform for the analysis and design of inclined foundations in tower structures. It allows engineers to seamlessly input tower parameters, material properties, and various load conditions to calculate stability and ensure structural integrity. Supporting advanced project management, the tool enables load case management, coordinate visualization, and automated result computation based on standardized technical codes.

## Technical Standards

Regulatory Standards	DL/T 5219-2005
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## Foundation Parameters

### Supported Tower Configurations

- Angle Towers
- Terminal Towers
- Large-span Towers
- High-low Leg Towers

## Material Specifications

Minimum Concrete Grade	C20
Reinforcement Steel Grade	Class II Steel

## Load Case Management

### Featured Load Analysis Metrics

**300000 kN/m<sup>2</sup>**

Main Column Steel Tensile Strength

**300000 kN/m<sup>2</sup>**

Base Plate Steel Tensile Strength

**9600 kN/m<sup>2</sup>**

Concrete Compressive Strength

### System Load Scenarios

Scenario	Description
Wind	High wind, balanced tension, 90-degree wind
Icing	Icing, balanced tension, 90-degree wind
Installation	Adjacent span attached, pulling ground wire