

Another Sky Climber Reference!

Tufanbeyli Power Plant, Adana, TURKEY



- DIVISION:** Sky Climber Europe
- PROJECT NAME:** Enerjisa, Tufanbeyli Power Plant
- APPLICATION:** Boiler access

Sky Climber was selected to provide a suspended platform for the inspection and maintenance of the refractory surfaces of the three Hyundai boilers installed in the power plant.

This platform will be part of the standard tool kit for the boiler and will remain on site for the life of the boiler.

Sky Climber supplied Sky Stage 505e Furnace Maintenance Platforms with electric Alpha 800 hoists. The platforms will be used to efficiently access the interior walls of the furnace for inspection and repair of the walls and burners.

To allow the operators to work in the upmost safety, the platforms were fitted with a protective roof to avoid any debris from falling on the operators. It is typical in boilers for there to be an accumulation of carbon residue on the walls of the boiler which presents a potential hazard to the operators if it comes loose.

The purpose of using Sky Climber platforms is to reduce the shutdown time during periodic maintenance or an emergency shutdown. Keeping any outage time down to a minimum is a primary concern in the power generation industry, in addition to working under the safest and most efficient conditions possible.

Type of Platform	Sky Stage 505 with roof
Vertical Run	35 m
Length of cradle	6 m
Cradle rated load	320 kg
No. of persons	3
Type of Hoist	Alpha 800 kg
Safety Features	Sky Lock overspeed safety device or Sky Grip, Top Limit Switch, overload detection
Norms	EN1808