



# Another Sky Climber Reference!

*Adani Power Rajasthan Limited (APRL), Kawai – India*



**DIVISION:** Sky Climber Europe

**PROJECT NAME:** Adani Power Rajasthan Limited (APRL), Kawai - India

**APPLICATION:** Thermal Power Station - Narrow Sky Stage 505e Super Heater Platforms

Adani Power Rajasthan Limited (APRL) is the largest power plant in Rajasthan (India) with generation capacity of 1320 MW (2x660 MW). It is a coal-based thermal power plant using supercritical technology which employs higher temperature and pressure resulting in better efficiency, reduced fuel and less greenhouse gas emissions.

Inside the furnace, the superheater coils are the most critical boiler component of the boiler and are subject to very high temperatures and pressures. It is of utmost importance that these coils get inspected on a regular basis. Sky Climber designed and supplied Sky Stage 505e Superheater Platforms to Adani Kawai as well as many power stations all over the world to inspect and allow repair works on these critical superheater coils.

The Sky Stage 505e Superheater platform is a narrow boiler platform that is only 350mm wide and up to 6m long, equipped with two Alpha hoists and Sky Locks, which allows the operators to travel in between the coils of the superheater

The purpose of using Sky Climber Sky Stage 505e boiler and superheater platforms is to reduce the shutdown time during periodic maintenance or an emergency shutdown. Keeping any outage downtime to a minimum is a primary concern in the power generation industry, in addition to working under the safest and most efficient conditions possible.

<b>Vertical run</b>	<b>95m</b>
<b>Type &amp; Length of cradle</b>	<b>Sky Stage 505e Superheater Platform: 6m long, 350mm wide</b>
<b>Type of hoist</b>	<b>Alpha 500 3ph with central control box</b>
<b>Safety Devices</b>	<b>Sky Locks, Mechanical Over- and Underload, Top Limit Switches</b>
<b>Norms</b>	<b>EN1808</b>