



## Power Station Long Lift Wire Rope Hoist

### Features and Benefits

246 ft. Lift from Standard Components

Precise and Reliable Handling of the Load

SH60 Proven Design

Economical Solution

**Industry Group:** Hoist Manufacturers Institute (HMI)



*An international Engineering Company needed a reliable yet economical solution for a Power Plant client. They selected Stahl because the project could be accomplished with standard equipment in a timely manner.*

### Overview:

A total of 84 catalytic converters are installed on two levels of a power plant. The individual elements of the converters are transported from ground level to a height of 200 ft. or 215 ft. The hoist was used for the initial installation and subsequently for replacing the converters which weigh 5,500 lbs. The narrow installation openings are available for transport of converter cages safely over the various levels of the building. In view of the lateral clearance on the narrow side, the task required a non-rotating true vertical lift.

### Solution:

To solve the problem, Stahl selected a standard SH60 wire rope hoist mounted to a motorized trolley. The model selected is our two part double reeved unit with a standard drum. In the decision process, consideration was given to a high duty cycle and high lift speeds. This provided continuous service with short cycle times in a high ambient temperature environment.

### Wrap Up:

The entire project was carried through with Stahl, from the concept to supply. The SH60 has proven to

be a practical, dependable solution for daily use since its late 2004 commissioning.



**STAHL CraneSystems, Inc.**

6420 Dorchester Road

Charleston, SC 29418

Phone: 843-767-1951

[robby.heeskens@stahlcranes.us](mailto:robby.heeskens@stahlcranes.us)

[www.stahlus.com](http://www.stahlus.com)