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# Jackson Safety\* Nemesis\* Safety Glasses Help to Keep Workers Safe and Costs Low at a Power Generation Plant



## Case Study



### Problem



Employees were disassembling equipment using jack bolts and 2 impact wrenches simultaneously. The socket on one of the impact wrenches split in half and flew towards the employee's eye.

### Countermeasure



The employee was wearing **Jackson Safety\* Nemesis\* Safety Glasses** at the time of the incident. The piece of metal struck the right lens of the employee's safety glasses.

### Results



While there was some swelling and bruising above/ below the eye, the **Jackson Safety\* Nemesis\* Safety Glasses** prevented the foreign object from entering the eye, which could have done significant damage.

Had the employee not been wearing safety eyewear the financial impact to the company could potentially have been as follows<sup>1</sup>:

- \$42,809 in direct costs and \$47,089 in indirect costs, summing to \$89,898
- For a company that has a profit margin of 3%, they would need \$2,996,600 in sales to cover the total costs of this injury

<sup>1</sup> Using the OSHA Safety Pays program (<https://www.osha.gov/dcsdp/smallbusiness/safetypays/estimator.html>), for an injury that results in vision loss



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