

Vehicle Practice

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PARTS REPLACEMENT NEW & USED AND MODIFICATION – DIGGER/DERRICKS

Practice:

INTRODUCTION

This Practice applies to all **digger/derricks**

The Practice establishes the criteria for purchasing new parts and using used parts. It also establishes the criteria for any modifications or additions to the existing unit.

1. **Replacement Parts (New/Reconditioned)**

When parts or components are replaced for any reason, they shall be identical in specification and function to the original digger/derrick parts or components or shall provide an equal or greater factor of safety as determined by the original manufacturer or a qualified professional engineer.

2. **Replacement Parts (Used)**

Should used parts be used, example rotation gear box, outrigger legs, cylinders, etc., the item has to be tagged what it was taken from - vehicle #, year, model, serial number, and make of digger/derrick last time item was inspected and date it was put on shelf for storage. Prior to installation parts will be inspected. Only used parts that are identical in specification, function, and fall within manufacturers' guide lines for wear and tolerance, can be used. The installation of used parts must be authorized by the NSPI Garage Supervisor.

3. **Modifications**

No modifications or additions which affect the stability, mechanical, hydraulic or electrical integrity or the safe operation of the digger/derrick shall be made without the written approval of the manufacturer. If such modifications or changes are made, the capacity, operation and maintenance instruction markings shall be changed accordingly. In no case shall the safety factors be reduced below those specified by the manufacturer's design safety factors, whichever are greater. Should the original manufacturer no longer exist, a qualified professional engineering will approve the required modifications.

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Fleet Services

