

# MMH – Mechanical Aids Levers and Rollers

## Fact Sheet



### WHY AND HOW SHOULD LEVERS BE USED?

A lever is a bar or rod that can be used to reduce the effort when lifting loads. To be effective, the lever must rest on a pivot (fulcrum). Using levers reduces the force required to handle materials and avoids bending and stooping.

- Use a steel bar to shift an object horizontally.



- Use the lever and rollers to move a load horizontally.



- Use rollers on an angle to change the direction of the load.



- Use “Come-Alongs” to move heavy load. Ensure load is fully on the skid to prevent drag or resistance.



- Mount lever on wheels to assist in when moving load. Ensure that wheels can be locked.



Lever on a rolling platform lifts and moves objects.



Lever on wheels lifts and moves manhole covers.



Lever on wheels lifts and moves coils.

- Use an extended handle to lift, shift or move objects without bending.

