

# Énergir – Adjustable Wrench Extension

*Notable Nominee –  
Worker Safety Leadership Award*

- Énergir has been developing/using pipe wrench extensions approved by the Commission des normes, de l'équité, de la santé et de la sécurité au travail au Québec (CNESST) which have been specifically designed and adapted to Énergir's needs.
- The Natural Gas Technology Centre, working with Énergir, developed an extension for wrenches to facilitate operations, particularly those carried out in confined spaces, using a 24" (60 cm) long adjustable wrench with a specially adapted extension. Component breakage tests (wrench and valve breakage tests) were carried out in the lab to characterize the safe extension length and prevent these types of breakages.
- Work instructions for wrenches fitted with this extension have been established and labelling affixed to each extension to instruct users on how to employ it. It is forbidden for two people to use the extension at once, or for extra force to be applied to it.
- Extension is specifically designed for use on a 24" long Ridgid brand wrench. For this purpose, extensions and wrenches were purchased, inspected and assembled in the lab before being delivered to technicians.
- Extension is permanently affixed to the wrench by bolt and nut and is not allowed to be used in any situation outside of what it has been specifically designed for.

