



# Maintenance Research Bulletin

NTREC New Technology Research Equipment Committee  
MOR Maintenance Operations Research

**December 2009**

## Upcoming Events

9th Annual Road Salt Symposium  
Crown Plaza Hotel  
Brooklyn Center  
February 3, 2010

56th Annual Asphalt Conference  
Northland Inn, Brooklyn Park  
February 11, 2010

ATSSA  
“How To” Training and Education  
Workshop  
Ramada Plaza Suites  
Fargo, North Dakota  
March 16-17, 2010

CTS Transportation Research  
Conference  
River Centre, St Paul  
April 27-28, 2009

Spring Maintenance and  
Training Expo  
St. Cloud Civic Center  
April 20-21, 2010

---

*Questions? Comments?*  
*Maintenance Research Engineer*  
*(651)366-3545*



## Blue Tork Non Impact Wrench

This tool helps perform both steps of a two step process. It installs and tightens the lug nuts to the proper torque eliminating the second step of hand torquing the lug nuts. This tool may reduce injuries associated with high torque impact wrenches and the high effort torque operation. District 3B will evaluate claims of reduced noise and potential impact on long range hearing loss and the potential for less wrist and hand injuries caused by impact vibration and shock load.

For more information contact  
**Ken Richart & Kelvin Smith 320/223-6561**  
District 3B Mechanic shop  
[www.bluetork.com](http://www.bluetork.com)



# Seasons Greetings

