

## Cardinal Products Revolutionize Port Weighing

**ON THE JOB:** Maracaibo Port is the main Venezuelan Port for grain. Nearly 70% of the grain used in Venezuela is imported. Cardinal Dealer Industrias Metarmes C.A. was asked to design two truck scales to replace the rudimentary system that was in currently in use.

They required better product movement with an in-out process for the trucks. Industrias Metarmes designed the scale bridges to utilize the Cardinal DB-50000s load cells and the very reliable double link suspension. All electronics in the weighing operation are Cardinal, including the model 220 weight indicator which is connected to a PC. The weight is transmitted real time to a port logistical system, maximizing the accuracy of weight and minimizing errors.

### Equipment Used:

- 220 Digital Weight Indicator
- 10 DB-50000S Shear Beam Load Cells
- Stainless Steel Junction Box and Cables

The acquisition of these 2 scales and Cardinal electronics by the Port Authorities, will convert this Port into the most competitive Cargo Ship Port in Venezuela for national and international markets.

Application compliments of:  
**Industrias Metarmes, C.A.**  
Caracas, Venezuela

