

## **SURFACE DETECTOR CONSTRUCTION AND INSTALLATION AT THE AUGER OBSERVATORY**

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The basic detector unit of the Auger Observatory ground array is a water tank of 12,000 liter capacity, used as a Cerenkov detector. This contribution describes the construction of the polyethylene rotomolded tanks, the diffuse reflector tank liners, and the the procedure for treating the water prior to filling the tanks as well as water quality control. Finally, the installation of the tanks and their components is described.