

# Purification of UAr at Fermilab

## FROM COLORADO

80-90 He  
 5-7% Ar  
 5-15% N<sub>2</sub>  
 + contaminants  
 CO<sub>2</sub>, CH<sub>4</sub>, C<sub>4</sub>H<sub>10</sub>,  
 C<sub>5</sub>H<sub>12</sub>, etc.)

## Helium removed

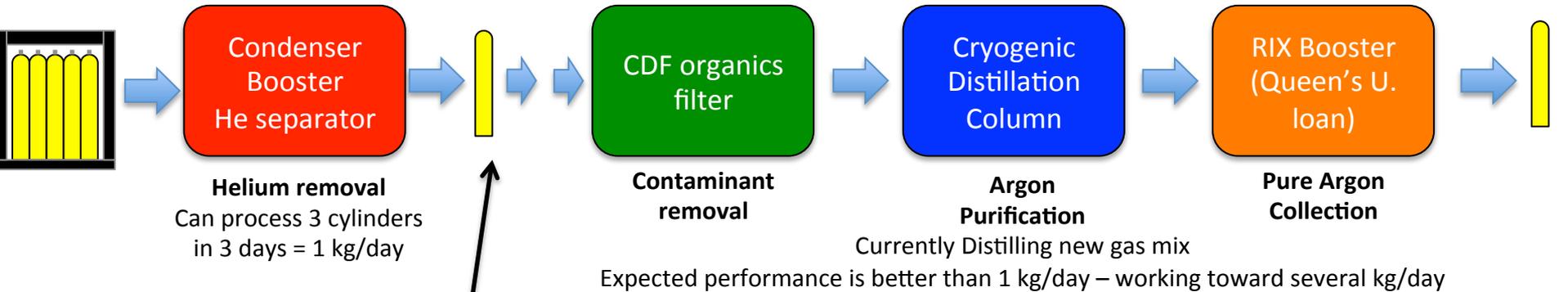
30-40% Ar  
 60-70% N<sub>2</sub>  
 + contaminants  
 CO<sub>2</sub>, CH<sub>4</sub>, C<sub>4</sub>H<sub>10</sub>,  
 C<sub>5</sub>H<sub>12</sub>, etc.)

## Contaminants removed

30-40% Ar  
 60-70% N<sub>2</sub>

Uar Purified  
 100% Ar

Pressurized  
 into cylinders



Refilled cylinders must be moved from CB He separation to Distillation

