

1. CANE HANDLING YARD

Cane is delivered from the cane fields by road & in mesh bins hauled by diesel locos.



2. TIPPER/WEIGHBRIDGE

Cane bins are weighed and emptied into cane carrier.



3. SHREDDER

Cane is shredded.



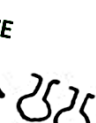
4. DIFFUSER

Sugar extracted from shredded cane.



7. LABORATORY

Juice is analysed for sugar content



8. HEATER

Juice is heated and limed



9. CLARIFIER

Removes dirt from juice and mud settles to bottom



**Umfoloji Sugar Mill
Raw Sugar
Manufacturing Process**



10. MUD FILTRATION

Mud is returned to the cane fields as fertiliser.

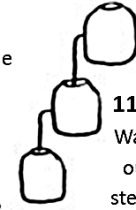


CLEAR JUICE



11. EVAPORATOR

Water is evaporated out of the juice by steam to form syrup.



11. CRYSTALLIZATION & SEPARATION

Sugar crystals are grown from syrup



WET RAW SUGAR



12. CENTRIFUGALS

Sugar is separated from molasses by spinning. Molasses is used to make ethanol.

**FINAL PRODUCT
DRY SUGAR**



13. USM WAREHOUSE

Sugar Packing.



14. VHP BULK SUGAR

Bulk raw sugar is despatched.

