

Case Study

INDION 225H & INDION 860 in Starch Industry

A Liquid Glucose manufacturing unit

Manufacturing since last 35 years
Having products like High Maltose syrup, Sorbital, extrose Monohydrate, Dextrose syrup

Challenge

Ash content, colour and conductivity in Liquid Glucose
Due to high ash and colour content, the product could not meet the requirements of the end users

Solution

Indion 225H & INDION 860 are used to reduce the ash, colour & conductivity in Liquid Glucose

The Liquid Glucose passed through Ion Exchange columns containing Indion 225H & Indion 860 meets the specifications

Ash content reduction

After passing the Liquid Glucose through Ion Exchange columns containing Indion 225 H & Indion 860, the treated Liquid Glucose is exactly meeting the customer's requirements with respect to reduction in ash content

Details of existing Liquid Glucose deashing plant:

	Indion 225 H	Indion 860
Resin qty, liters	1250	1400
Regeneration level, kg / m ³	72	57
Service flow, m ³ / hr	2.5	2.5
OBR, m ³	22.5	22.5

Parameter	Before Treatment	After Treatment
Ash Content, w/ w	0.8 %	< 0.2 %

