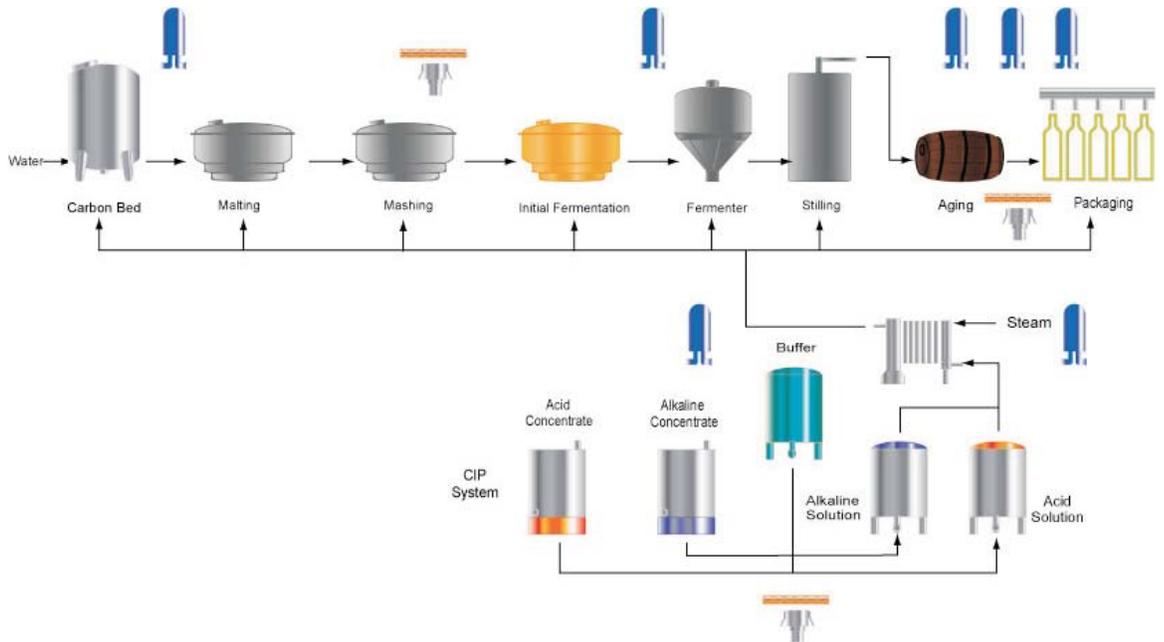


CLASSIC

FILTER & EQUIPMENT LTD

DISTILLED LIQUOR WHISKEY



PRODUCT KEY



Sterile Filter



Flexible Hose



Fitting

APPLICATION

Whiskey is created in a five step process. First, barley is malted to convert starch into simple sugars. Next, the Malt is cooked in a process known as Mashing to produce a sweet liquid called Wort. Yeast is then added to the Wort in the fermenter to convert the sweet liquid to alcohol. The alcohol is then distilled. The distilling process refines and concentrates the alcohol. The raw alcohol product is then aged in special casks until it reaches maturity. From there, the finished product is bottled.



Carbon beds are prone to bleeding carbon fines into intermediate product. Classic Filter and Equipment recommends placement of carbon “trap” filters with pleated polypropylene filter elements in the 0.5μ to 2μ range.



Fermentation tanks should be properly vented to maintain clean and sterile air. Classic recommends 0.2μ PTFE membrane filters for this application.



All final product should be filtered before packaging and bottling to insure biological stability. Classic Filter and Equipment recommends a 1μ pleated pre-filter followed by a 0.45μ membrane final filter.



All CIP agents should be purified to remove any contaminants that might compromise the maintenance of a sanitary system. Classic recommends a 1μ pre-filter followed by a 0.45μ micron membrane to keep this system within sanitary specifications.



Any steam utilized as heat exchange medium should be cleaned and purified to remove any liquid or particulate contaminants. This will prevent these contaminants from building up on exchange surfaces and will properly maintain the efficiency of heat exchange surfaces.



There are a myriad of applications for flexible hose and fittings within the Whiskey Making application. Classic offers a complete line of hose and fitting products for the most demanding sanitary applications.

CLASSIC FILTER AND EQUIPMENT, LTD.

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