

Did you know...?

Ethanol production provides more than 200,000 U.S. jobs, spurring growth in many rural areas.

http://www.lowacorn.org/etbanol/etbanol_3a.html

A typical ethanol plant employs 35 to 50 people, depending on capacity and processing technology.

AURI Research Report – Talent Development Issues and Opportunities in the Biofuels Industry, October 2007

Workforce needs are extraordinary and some plants are having difficulty "keeping up" in terms of finding and retaining quality employees.

Brian Jennings, Executive Director of the American Coalition for Ethanol

60% of the jobs in an ethanol plant involve skills that can be acquired in a two-year associate degree program.

Bob Abbott, human resources manager for VeraSun of Brookings, SD

Minnesota Renewable Career Pathways Ethanol

For more information about educational programs contact:
Your High School Counselor
Minnesota WorkForce Centers:
www.mnwfc.org
Adult Basic Education
ISEEK: www.ISEEK.org
Post-Secondary Institutions

A pdf of this brochure is available at:
www.swmncareers.org
www.iseek.org/central
www.workforcouncil.org
www.workforcedevelopment.ws



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Did you know...?

Jobs in the renewable fuels industry can be classified as "Gold Collar Jobs" – those that combine both thinking and doing.

*Duane Carrow,
Program Director for
Renewable Energy
Technology, Minnesota
West Community and
Technical College*

Ethanol is a \$3 billion-a-year industry in Minnesota, supporting 11,000 jobs.

*Minnesota Department
of Agriculture*

Education

Advanced Postgraduate Education	4+ Year PHS Education & Experience
Bachelor's Degree	4 Year PHS Education &/or Experience
Associate Degree	2 + 2 PHS Degree Education &/or Experience
Technical Diploma	1-2 Years PHS Education &/or Experience
Short - term Occupational Industry Certificate	
Contextual Secondary - Level ABE/ESL Bridge	
Workplace Basics Vocational ESL/ABE	

Ethanol Careers

General Mgr. \$32-\$64/hr.				
Operations Mgr. \$31-\$45/hr.	Commodities Mgr. \$31-\$45/hr.	Risk Mgr. \$31-\$36/hr.	Boiler Chief \$23-\$33/hr.	
Shift Super. \$17-\$20/hr.	Grain Merch. \$24-\$30	Lab Mgr. \$17-\$30/hr.	Maintenance Mgr. \$23-\$27/hr.	Plant Acct. \$22-\$32/hr.
Dryer Operator \$14-\$17/hr.	Process Operator \$14-\$17/hr.	Lab Tech. \$13-\$17/hr.	Boiler Operator - 1st Class \$19-\$23/hr.	
Welder \$16-\$20/hr.	Utility Operator \$18-\$24/hr.	Electronic Tech. \$15-\$18/hr.	Boiler Operator - 2nd Class \$14-\$17/hr.	
Maintenance Tech. \$14-\$17/hr.	Grain Sampling & Records \$10-\$20/hr.	Rail Attendant \$12-\$14/hr.	Truck Attendant \$11-\$13/hr.	
Custodian \$12-\$14/hr.	Commodities Asst. \$12-\$14/hr.	Intern \$10-\$13/hr.	Entry Floater \$10-\$13	Recept./Acct. Asst. \$9-\$12/hr.



These are general wage ranges and job titles. Actual wages and jobs vary by location.