

Facility
Solutions
Experts



IES Indoor
Environmental
Services

IES is an industry leader in providing exceptional technical facility services to the expanding winery, agriculture, cold storage and food and beverage processing industries.

Services Provided by IES:

- Engineering & Design Build
- HVAC / Refrigeration / Plumbing
- Sheet Metal Fabrication
- New Installations & Retrofits
- Tank Cooling & Warming with Controls
- Barrel and Case Storage Cooling & Warming
- Wine Cave Cooling & Warming
- Night Air / CO₂ Removal Systems
- Humidification Systems
- Private Wine Cellars
- Hot Water Boiler Systems
- Water Treatment for Mechanical Systems
- Custom Integrated Control Systems
- Web Based Facility Monitoring
- Service & Planned Maintenance
- 24/7 Emergency Service

www.ies-hvac.com

Santa Rosa (707) 571-7480

Sacramento (916) 988-8808

License # 646794

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GLYCOL FREEZE POINT CHART

Freeze Point	Percent By Weight	Specific Gravity (Approximate)	Degree Brix
26.1 F	10	1.010	8.4
22.9 F	15	1.016	12.9
19.0 F	20	1.020	16.4
14.7 F	25	1.026	19.0
9.2 F	30	1.031	22.2
5.0 F	33	1.034	24.3
2.4 F	35	1.039	26.1

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