

VFD Programming Record



*moving water in new directions*  
 IRRIGATION TRAINING & RESEARCH CENTER  
 California Polytechnic State University  
 San Luis Obispo, CA 93407-0730  
[www.itrc.org](http://www.itrc.org)

Field programming is typically required prior to operating a newly installed Variable Frequency Drive (VFD). VFD owners shall be provided with the final programming parameters and automatic control related equipment (if applicable) for record keeping, in addition to other documentation. This template can be used by VFD installers and/or commissioners to document the final VFD programming parameters.

**Required Documentation**

1. Fill out the table below. Use empty rows to include additional basic parameters not already listed.

ID	VFD Parameter Identification Displayed on Screen (usually a number)	Final Value	Value Displayed on Screen (if different from Final Value)	Unit	Description
1					Language
2					Motor nominal voltage
3					Motor nominal current
4					Motor nominal frequency
5					Motor nominal speed
6					Motor nominal power
7					Default VFD speed input (e.g. keypad)
8					Carrier frequency

2. If the installation was intended to operate under automatic control, fill out the table below - one row per sensor.

Sensor type (flow or pressure)	Sensor manufacturer	Model number	Measurement range	Measurement range units	Output signal (e.g. 0-5 VDC or 4-20mA)

a. Use the box below to describe the installation location of all VFD-related sensors

VFD Owner: \_\_\_\_\_ VFD location/field ID: \_\_\_\_\_ Date: \_\_\_\_\_

VFD Commissioned by: \_\_\_\_\_