

## IPS Commissioning Check Sheet

(Used for inputting data in the IPS Controller)

The following data should be documented prior to setting up your new IPS controller. By collecting this information and documenting it, you will not only be prepared for the setup process, but you will also have a printed record of the data that was selected. If you have chosen to have an Armstrong Certified Controls Service Technician enter the data onto the IPS Controller, they will require that the Contractor(s) sign off that the mechanical connections and electrical connections are completed prior to visiting the site to commission the controller.

Project Name: \_\_\_\_\_  
 Building Address: \_\_\_\_\_  
 Contractor Name: \_\_\_\_\_  
 Date of Installation / Commissioning: \_\_\_\_\_  
 IPS Model Number (eg. IPS Controller 5001): \_\_\_\_\_ Serial No.: \_\_\_\_\_  
 Armstrong Service Representative (if applicable): \_\_\_\_\_

### System Configuration

Number of pumps	_____	<b>Motor Data:</b>	
Is there a standby pump?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Horsepower	_____
Pump make, model and size	_____	Speed	_____
Pump(s) legend	_____	Voltage	_____
System design point flow (with units)	_____	FLA rating	_____
System design point head (with units)	_____	Service factor	_____
		FL efficiency	_____
Pump selection point flow	_____	FL slip	_____
Pump selection point head	_____	Power Factor	_____
		Temperature class	_____
*Pump end of curve flow rating	_____		
*Pump end of curve pressure rating	_____		
Differential pressure switch (flow switch)	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Desired default speed (factory preset at 95%)	_____		
Minimum drive speed (factory preset at 30%)	_____		
			* If not known, use pump selection point flow and head.
Number of controller zones (process variables)	_____		

### Controlling Data

Process Variables / Controlling Zones

Zone #	1	2	3	4	5	6	7	8	9	10	11
Zone Legend											
DP sensor range											
Zone set-point											

Rate of speed change / ramp time (0 - Full Speed) \_\_\_\_\_ 20 seconds  
 Minimum Speed (factory set 30%) \_\_\_\_\_  
 Maximum Speed (factory set 100%) \_\_\_\_\_  
 Flow sensor range \_\_\_\_\_  
 Temperature sensor type, range \_\_\_\_\_  
 High temperature high alarm set-point \_\_\_\_\_  
 Hours of operation before switching lead pump \_\_\_\_\_

Date: \_\_\_\_\_  
 Signature: \_\_\_\_\_

