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TECHNICAL NOTES

NOTES	CONTENT
General notes	
Metal structure treatment	<p>Iron structures should be painted to prevent rust and improve equipment life.</p> <ul style="list-style-type: none"> - Remove loose rust with a wire brush, sandpaper or chemical rust remover. - If applicable, sand areas where paint is chipping until surface is smooth. - Remove dust or oil with a degreaser or denatured alcohol. - Prime surface to protect against rust and corrosion.
Foundations fixing	<ul style="list-style-type: none"> - The ground must be stable and have a low water table. - The structure must be fixed on firm concrete soil or on poured footings with steel reinforcement. - The anchorage can be bolted with expansive ramplugs or welded.
Manufacture of special internal parts	<ul style="list-style-type: none"> - The internal parts that will have contact with the water, such as impellers, blades and nose, must have smooth and aerodynamic surfaces. - According to the original source, the manufacturing process can be by fiberglass forming or polyester resin casting. - Other materials such as epoxy resins and other processes such as CNC machining and 3D printing are not ruled out. - Due to the relatively complicated production of various components, this project is only recommended for small workshops to a limited extent
Tolerances of sliding parts	In cases of sliding parts, use 0.2 mm as tolerance for diametrical dimensions.

Project Small water turbine		Created by D. Mosquera	Approved by D. Jeager		
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