Pile Capacity Report | گزارش ظرفیت شمع

Generated from sheet Pile · RastaWorks

Project / پروژه	Sample Project
Location – Section / محل	Pile P1
Depth (m) / عمق	15
Date / تاریخ	2026-10-18
Prepared by	Engineer

Quantity / کمیت	Value / مقدار	Unit	Quantity / کمیت	Value	Unit
Diameter D	**0.60**	m	**Length L**	**15.0**	m
Shaft Qs	**967.7**	kN	**Tip Qp**	**1739.7**	kN
Qult	**2707.4**	kN	**Qall (FS axial)**	**1083.0**	kN
FS axial	**2.5**	–	**Shaft share**	**36**	%
Hu (lateral)	**149.1**	kN	**Hall (lateral)**	**59.7**	kN
Head condition	**Free**	–	**Soil (lateral)**	**Clay**	–

Lateral governing mode: Long pile (pile yields)

Notes: static axial capacity (API RP2A α and β methods) and ultimate lateral load (Broms). Group effects, negative skin friction, scour, liquefaction and lateral deflection are not included. Confirm by pile load tests and the governing code. For design use, review by a qualified geotechnical engineer is required.
نتایج باید توسط مهندس ژئوتکنیک ذی‌صلاح بازبینی شود.