Revise the Construction Subcontracting Business System

[Level of progress]

Under examination: Details of specific measures are under examination

In progress: Specific measures have been implemented Completed: Specific measures are completely implemented

No	Section	Category	Article	Class		Par	agraph	Specific implementation method	Time of implementation	Progress
				(1)	Examine Compliance at the Stage of Product Planning			To conduct a detailed review, including legal compliance, we decided that the development process for new products should be divided into five major steps in August 2019 and established a rule so that each step requires approval by the Compliance Management Division, an independent organization. The Compliance Management Division was added in the approval route and the approval authority rules were updated. The new rules and route have been applied to changes in the existing products but no new products so far.	Completed in August 2019	I (omnieted i
				(2)	IDASIITA Annronrista Evaciitian Wanadamant			As an appropriate checkpoint to enable effective execution management, the company started to allow to have self-inspection items if needed. From September 2019, information on any special requirements for each site have been shared between the Design Management Department, the Supervision Technology Department, and the construction contractors.	Started in September 2019	In progress
				(3)	Re-examine Compliance during Detailed Design; Prepare General Diagram	(a)	Re-examine Compliance during Detailed Design	We decided that the development process for new products should be divided into five major steps in August 2019 and established a rule so that each step requires approval by the Compliance Management Division, an independent organization. The Compliance Management Division was added in the approval route and the approval authority rules were updated. The new rules and route have been applied to changes in the existing products but no new products so far.	Completed in August 2019	Completed
						(b)	Prevent Inconsistency in the General Diagram	In order to utilize BIM for detailed design and construction verification in the new product development, we began to consider a framework for examination and operation for introducing BIM. At present, we are working to confirm consistency and compliance with laws and regulations, which are described in below Category B.	Scheduled to start in July 2021	Under examination
		А	Improve Processes for the Developing New Products, and others.			(c)	Documents, such as Drawings and	In September 2019, we changed the management methods and rules for changing and updating the general diagrams. We have also established rules to describe the entire history of the document not only mentioning the final preparer but including the approvers. The new rules were put in place and the employees were made aware of the changes.	Completed in September 2019	
				(4)				We decided that the development process for new products should be divided into five major steps in August 2019 and established a rule so that each step requires approval by the Compliance Management Division, an independent organization. The Compliance Management Division was added in the approval route and the approval authority rules were updated. The new rules and route have been applied to changes in the existing products but no new products so far.	Completed in August 2019	Completed
				(5)	inconsistency between the general diagram and the construction			In order to utilize BIM for detailed design and construction verification of new product development, we began to construct a system for BIM. In addition, we employed an outside service provider to begin examination of the manuals for existing products and will strengthening the checking system by the line managers.	Scheduled to start in July 2021	Under examination
				(6)	Build a system for the departments in charge of product development to confirm and verify against the Minister's certification and to ensure the construction companies' comprehension of the specifications.			The construction manuals are being revised so that sub-contractors can fully and easily understand the content. In August 2019, Construction Legal Department started training at the Leopalace21 and its sub-contractors partnership meetings in Tokyo, Saitama, and Osaka areas for specifications such as fireproof and quasi-fireproof structures for the Minister's certification.	Scheduled to start in July 2020	
				(7)	Product Release			The Compliance Management Division was added in the approval route for a detailed review of compliance with laws and regulations, and the approval authority rules were updated. The new rules and route have not been yet applied to new products and associated construction manuals so far. We intend to apply those to the development of new products in the future.	Completed in August 2019	Completed
	Device the Construction	В	Review check mechanis	nechanism at the preparation stage of drawings for confirmation application			s for confirmation application	We reviewed and started operation of the standard design process in October 2019 so that we can secure sufficient time for verifying consistency between the drawings and their compliance to the related laws and regulations. We will review a check list for design drawings in December 2019 for implementation.	Completed in October 2019	Completed
3	Revise the Construction Subcontracting Business System	С	Implement Appropriate Construction Supervision by Reviewing the Construction Supervision System (2) Incorporate construction supervision implementation days interpretation the construction management process					We reviewed the standard construction supervising process and started the operation in October 2019 so that we can secure sufficient time for field inspection by qualified architects. In addition to monitoring the operation in the future, we began to examine establishing rules for change in accordance with each construction site's conditions based on individual characteristics.	Completed in October 2019	Completed

		(1)	Assure the Construction Management System by adequately Assigning Qualified Engineers with License and Other Support Engineers	TCODSTRUCTION SYSTEM DIDOLTO ACTUALLY STATUNG CONSTRUCTION.	ompleted in October 2019	Com
	Assure construction quality by Implementing appropriate construction management	(2)	Implement a Third-Party Process Inspection	TWORK AND DATTING WAILS WORK	ompleted in august 2019	I COD
		(3)	Assure and improve construction quality by construction contractors		completed in October 2019	Col
D		(4)	Provide information to construction contractors		ompleted in October 2019	Co
		(5)	Incorporate voluntary inspection days into the construction management process		ompleted in September 2019	C
		(6)	Realize proper construction management		Started in September 2019	In
		(1)	Implement inspections concerning construction supervision		Started in October 2019	II
E	Implement inspection by Construction Legal Department in Compliance		Full performance of inspections through the triple-check system	linspection, the field engineer inspection, and the inspection by Construction Legal Department	Started in august 2019	Iı
	Management Division		Secure proper process management for quality assurance	ta view to examining effective methods of exercising the authority of the inspection Section in relation to the re-t	Started in September 2019	In
F	Implement training b	y Constri	uction Legal Department in Compliance Management Division		ompleted in august 2019	