

Dealing with Construction Permits Questionnaire – «Survey_Economy_FullName»
www.doingbusiness.org

Dear Contributor,

We would like to thank you for your participation in the *Doing Business* project. Your expertise in the area of Dealing with Construction Permits in «Survey_Economy» is essential to the success of the *Doing Business* report, one of the flagship publications of the World Bank Group that benchmarks business regulations in 190 economies worldwide. The Dealing with Construction Permits indicator, which measures the procedures, time and cost required for a business in the construction industry to build a warehouse and the quality of building regulations, is one of the 11 indicator sets published by the *Doing Business* report.

The report attracts much attention around the world. The latest edition, *Doing Business 2019: Training for Reform*, was the 16th in a series of annual reports measuring the regulations that enhance business activity and those that constrain it. It received over 12,000 media citations within just a week of its publication on October 31, 2018. Within that same period the *Doing Business 2019* report was mentioned in online articles or social media posts over 120,000 times. One hundred and twenty-eight economies implemented a total of 314 reforms easing the process of doing business. Europe and Central Asia and Sub-Saharan Africa continue to be the regions with the highest share of economies reforming – i.e. 83%, followed by the Middle East and North Africa.

Governments worldwide read the report with interest every year, and your contribution makes it possible for the *Doing Business* project to disseminate the regulatory best practices that continue to inspire regulatory reform efforts.

We are honored to be able to count on your expertise for *Doing Business 2020*. Please do the following in completing the questionnaire:

- Review the assumptions of the case study before updating last year's information in the questionnaire.
- Describe in detail any reform that has affected the process for obtaining construction permits since May 2, 2018.
- Be sure to update your name and address if necessary.
- **Kindly return the questionnaire** to «SurveyAnalystName» at «SurveyAnalystEmail».

We thank you again for your invaluable contribution to the work of the World Bank Group.

Sincerely,

«SurveyAnalystName»

Tel: «SurveyAnalystPhone»

Fax: (202) 473-5758

Email: «SurveyAnalystEmail»

 **Paperless Option for Complimentary Report and Certificate**

New this year: the paperless option is selected by default to reduce our environment footprint. Your certificate and report will be sent via email. Please remove the [X] below if you prefer to receive print versions via postal mail.

Please e-mail me an electronic copy of the report and my certificate of appreciation.

Primary Contributor Information: Please check the box next to information you **do not** want us to **publish**.

Name			
Do not publish <input type="checkbox"/>	Title (Mr., Ms., Dr.) «Title» []		
	First Name «FirstName» []		
	Last Name «LastName» []		
Never Published	Position (e.g. manager, associate, partner) «Position» []		
	Profession (e.g. judge, lawyer, architect) «Profession» []		
Contact details			
Do not publish <input type="checkbox"/>	Firm name «CompanyName» []		
	Website «Website» []		
Do not publish <input checked="" type="checkbox"/>	E-mail address «EmailAddress» []		
Do not publish <input type="checkbox"/>	Phone «PhoneNumber» []		
Never Published	Fax «FaxNumber» []		
	Mobile phone «MobileNumber» []		
Do not publish <input type="checkbox"/>	Firm Address		
Street	«Street» []	P.O. Box	«POBOX» []
City	«City» []	State/ Province	«State» []
Zip/Postal code	«ZipPostalCode» []	Country	«Country» []

Additional Contributor(s): If there are more people whom you would like us to acknowledge, kindly send us an e-mail.

Name	Occupation	Email	Phone	Address
[title] [first name] [last name]	[firm] [position] [profession]	[]	[phone] [mobile]	[street] [state/province] [city/country]
[title] [first name] [last name]	[firm] [position] [profession]	[]	[phone] [mobile]	[street] [state/province] [city/country]
[title] [first name] [last name]	[firm] [position] [profession]	[]	[phone] [mobile]	[street] [state/province] [city/country]

Referrals: Please help us expand our list of contributors by referring us to other experts in the private or public sector (architects, engineers, construction managers or any expert on this field) who can respond to the questionnaire.

First name	Last name	Position	Firm	Address	Phone	E-mail
[]	[]	[]	[]	[]	[]	[]
[]	[]	[]	[]	[]	[]	[]

1. CASE STUDY ASSUMPTIONS

The Dealing with Construction Permits indicator records all procedures that are required for a business in the construction industry to build a standardized warehouse. These procedures include submitting all relevant project-specific documents to the authorities; obtaining all necessary clearances, licenses, permits and certificates; completing all required notifications; and receiving all necessary inspections. The indicator also records procedures for obtaining connections for water and sewerage, as well as measures the quality of building regulation and its implementation in the Building Quality Control Index.

Please provide responses to all the questions in the questionnaire (unless otherwise specified) based on the case study assumptions and information below.

The company, BuildCo:	
<i>Description</i>	
<ul style="list-style-type: none"> Operates in «Survey_City» and is 100% domestically and privately-owned. Is fully licensed and insured to carry out construction projects, such as building warehouses. Has already paid all taxes and subscribed to an All Risks Insurance to cover injuries to construction workers and third-person liability. 	
<i>Ownership and employees</i>	
<ul style="list-style-type: none"> Has 60 builders and other employees, all of them nationals with the technical expertise and professional experience necessary to obtain construction permits and approvals. Has one licensed architect and one engineer, both are registered with their local associations. 	
The land plot on which the warehouse is to be built:	
<ul style="list-style-type: none"> Is 929 square meters (10,000 square feet). Is 100% owned by BuildCo and is registered in the cadastre and land registry. Has road access and is located in the periurban area of «Survey_City» (i.e., on the fringes of the city but still within its official limits). Is not located in an economic or industrial zone that is subject to any special requirements (i.e., tax-free zone). However, the zoning requirements for warehouses are met by building it in an area where other similar warehouses can be found. 	
Warehouse specifications	
<ul style="list-style-type: none"> Has two levels, both above ground (G + 1), with a total surface of approximately 1,300.6 square meters (14,000 square feet). The height of each floor is 3 meters (9 feet, 10 inches). Will be used for storage of non-hazardous and non-perishable goods (i.e., books, stationery, etc.). 	
Water and sewerage connection: new connection	
<ul style="list-style-type: none"> The warehouse is 150 meters (492.1 feet) away from the existing water source and sewer tap. A fire extinguishing system (dry system) is used. If a wet fire protection system is required by law, it is assumed that the water demand listed below also covers the water needed for fire protection. Daily water consumption is 0.7m³ and wastewater flow is estimated at 0.6 m³. Peak water consumption is estimated at 1 m³. The water connection pipe is 1 inch in diameter, and the sewerage connection pipe is 4 inches in diameter. A septic tank in the smallest size available is installed or built if there is no sewerage infrastructure in the economy. A borehole is dug if there is no water delivery infrastructure in the economy. All material and labor costs should be taken into account in the cost to connect to water and sewerage (except for the overhead tank for the water connection). 	
Estimated value of the warehouse:	«Survey_Currency_Code» «DB_dwcp_WarehouseValueLCU»

1.1 Is the warehouse described above likely to be built in the following location(s) in «Survey_City»: «DB_dwcp_WarehouseLocation»?

Please choose only among those that are in the periurban area of «Survey_City» (i.e., on the fringes of the city but still within its official limits).

Response	If no, please indicate the location(s) where it is most likely to be built:
-Click to Select-	

2. REFORM UPDATE

2.1. Last year <i>Doing Business</i> recorded the following initiative that was expected to have an impact on the process of obtaining a construction permit (if no reform is shown here, please skip to question 2.2):	
«DB_dwcp_FutureReformPrepopulation»	
Has this reform been implemented since May 2, 2018? Response: -Click to Select-	
Comment:	
2.2. Have there been any reforms (changes in practice or in the laws and regulations) that have had an impact on the process of obtaining construction permits since May 2, 2018?	
Response: -Click to Select-	
If yes, please indicate the name and date of the law and/or the measure taken:	
2.3. Are you aware of any reform (in practice or in laws or regulations) that would have an impact on the process of obtaining construction permits that is expected to be adopted prior to May 1, 2019 ?	
Response: -Click to Select-	
If yes, please describe:	
2.4 RESEARCH QUESTIONS	
Answer	
When responding to these questions, please consider the following definitions:	
Building Information Modeling (BIM) - an intelligent 3D model-based collaborative process that gives architecture, engineering, and construction (AEC) professionals as well as building control authorities the insight and tools to more efficiently plan, design, construct, inspect and manage buildings and infrastructure	
2.4.1 In what format do you present building plans and drawings to the government or to a relevant professional in charge of on-site building inspection before construction?	
a. 2D paper printed models and/or manual data entry	<input type="checkbox"/>
b. 2D models in a digital or paperless form such as in CAD format	<input type="checkbox"/>
c. 3D models in digital form, sent through either a digital storage device or by email	<input type="checkbox"/>
d. Upload of data into an e-submissions platform using one or several proprietary formats	<input type="checkbox"/>
e. Upload of data into a cloud-based platform in an interoperable or open-sourced format, uploading documents, media or data as required	<input type="checkbox"/>
f. Other, please explain:	
2.4.2 Which of the following digital functionalities or features are available during the process of obtaining a construction permit?	
a. Online payments	<input type="checkbox"/>

b. Online communications that inform applicants of milestones in approval process and allow them to track progress	<input type="checkbox"/>
c. Online notifications that inform authorities of commencement or completion of building works	<input type="checkbox"/>
d. Online submission of building plans and drawings	<input type="checkbox"/>
e. Automated building code checking (auto-DCR; ArchiCAD; SmartDraw; AutoSpec, etc)	<input type="checkbox"/>
f. Automatically generated checklists for applicants to self-verify compliance with building regulations	<input type="checkbox"/>
g. Integration with Geographical information systems (GIS) for interactive queries (user-created searches) and spatial information data	<input type="checkbox"/>
h. Remote monitoring utilizing smart tools, such as sensors, to monitor construction safety	<input type="checkbox"/>
i. Other, please explain:	
2.4.3 Does your local building authority utilize building information modeling (BIM) to receive, process or analyze construction data?	
a. Does not use BIM	<input type="checkbox"/>
b. BIM implementation is planned but not implemented	<input type="checkbox"/>
c. BIM is partially implemented for projects above a certain value threshold	<input type="checkbox"/>
d. BIM is fully functional and implemented	<input type="checkbox"/>
If c), please specify threshold (in local currency)	
If b), please describe	
Comment	
2.4.4 In what format does the professional in charge of on-site building inspection (ie – either third party inspector OR in-house engineer) present building inspection reports?	
a. Paper based reports such as inspection logbooks, diaries or checklists	<input type="checkbox"/>
b. Digital based reports such as inspection logbooks, diaries or checklists sent through either a digital storage device or by email	<input type="checkbox"/>
c. Upload of data, including digital images, into an e-submissions platform using computers and/or mobile devices	<input type="checkbox"/>
d. Upload of geo-tagged and time-stamped data, including digital images, into a cloud-based platform	<input type="checkbox"/>
Other – please explain	
2.4.5 Are there any plans, policies, targets or guidelines for phasing in BIM systems? (To be answered by Building Authority/Municipality)	
If yes, please describe:	-Click to Select-

3. DATA UPDATE

For your convenience, last year's aggregate answers (if available) are included in both Sections 3 and 4 of the questionnaire. They represent a unified answer based on the answers we received from various contributors. Therefore, they may not match the specific answers that you or colleagues in your firm provided last year. Please update the list of procedures in Section 3 as well as the data for the Building Quality Control Index in Section 4, considering the assumptions of the case study described in Section 1. Please describe in detail any change to the data and indicate when the change took effect. Please also specify the reason why you think the data for this year should be different:

Correction—meaning that the unified answer was erroneous in previous year(s) and did not reflect the reality in your economy, or;

Reform—referring to a change in practice or law that occurred between **May 2, 2018 and May 1, 2019**.

3.1. Definitions and Additional Case Study Assumptions

Definitions to keep in mind when answering the questions:	
•	A procedure is any interaction of BuildCo's employees or managers with external parties, including government agencies, notaries, the land registry, the cadastre, utility companies, public and private inspectors, and technical experts apart from in-house architects and engineers. Procedures that can take place at the same time as another procedure are marked with an asterisk (*).
•	Time is measured in calendar days (not working days). For a procedure that can be completed entirely online, the minimum time is 0.5 days. For a procedure that cannot be completed entirely online, the minimum time is 1 day.
•	Costs include only official fees. Nonrecurring taxes that are necessary for the completion of the specific project are recorded. Bribes are excluded. Refundable deposits are excluded.

3.2. List of Procedures to Build a Warehouse and Connect to Utilities

Phase: «DB_dwcp_DBDCPProcList_Procedure_Phase_counter»	
Procedure «DB_dwcp_DBDCPProcList_PROCEDURE_NUMBER_c»:	«DB_dwcp_DBDCPProcList_ProcedureName_coun»
Time	Time last year: «DB_dwcp_DBDCPProcList_ProcedureTimePubli»
	Time update:
Cost	Cost last year: «DB_dwcp_DBDCPProcList_ProcedureCostPubli»
	Cost update:
	Cost details last year: «DB_dwcp_DBDCPProcList_ProcedureCostFormu»
	Cost details update:
Agency	Agency last year: «DB_dwcp_DBDCPProcList_ProcedureAgency_co»
	Agency update:
Procedural details	Procedural details last year: «DB_dwcp_DBDCPProcList_ProcedureComment_c»
	Procedural details update:

Simultaneity	Can this procedure be initiated with the previous procedure? -Click to Select-	Last year's response: «DB_dwcp_DBDCPProcList_Procedur eSimultane»
	If No, can it be initiated simultaneously with any other procedure(s) and which one (s)? Please clarify why not:	
If you made changes to last year's information, please indicate whether the change is due to a correction or a reform. -Click to Select-		
Please explain the changes and provide the legal basis and/or fee schedule when applicable:		

3.3. Additional Comments or missing procedures

We welcome any additional comments you may have about the process of obtaining a building permit in «Survey_Economy_FullName», and/or information on any missing procedures. For any missing procedures, kindly provide the time, cost, applicable agency and requirements.

4. BUILDING QUALITY CONTROL INDEX

A. Building regulations: law describing the administrative procedures and documentation requirements pertaining to building control, including the pre-approvals, plan reviews, issuance of permits, inspections and occupancy permits.		
4.1. How accessible are building laws and regulations in your economy? (please check all that apply)		
	Last Year	This Year
1. The currently applicable regulations are available online on a website (or websites). Website(s) where the regulations are published	«DB_dwcp_4.1.1 Available_online» «DB_dwcp_4.1.1a Website_Link»	-Click to Select-
2. The currently applicable regulations are available at the relevant permit-issuing authority and/or through an official gazette:		
(i) They are available free of charge	«DB_dwcp_4.1.2 Free_of_Charge»	-Click to Select-
(ii) They are available for purchase	«DB_dwcp_4.1.3 Must_be_purchased»	-Click to Select-
If you made any changes to last year's information, please indicate whether the change is due to a correction or a reform: -Click to Select-		
Please explain the changes and provide the legal basis where applicable:		
Additional comments:		
4.2. Which of the below listed requirements are clearly specified in the construction regulations, or any accessible website, brochure or pamphlet? (please check all that apply)		
1. List of required documents to submit to request and obtain a building permit (i.e., land ownership certificate, types of drawings and plans, etc.).	«DB_dwcp_4.2.1 List_required_doc»	-Click to Select-
2. Fees to be paid for the building permit.	«DB_dwcp_4.2.2 Fees_paid»	-Click to Select-
3. All required pre-approvals of the drawings/plans by the relevant agencies (i.e., electrical, water, sewerage, environmental etc.).	«db_dwcp_4.2.3 Required_pre-approvals»	-Click to Select-
4. Requirements to obtain the Occupancy Certificate.	«DB_dwcp_4.2.4 Occupancy»	-Click to Select-

4.a. Is the Occupancy Certificate issued in practice?	«DB_dwcp_4.2.4a Occupancy_Inpractice»	-Click to Select-
5. The time limit to process and issue a building permit request.	«DB_dwcp_4.2.5 Time_Limit»	-Click to Select-
(i) Please specify the time limit :	«DB_dwcp_4.2.5a TL_duration»	
(ii) Is the time limit always respected in practice ?	«DB_dwcp_4.2.5c Time_limit_Respected»	-Click to Select-
6. If the list of required documents, fees and pre-approvals is available online, please provide a link to the website(s) :	«DB_dwcp_4.2.6 Requirements_available_online»	
If you made any changes to last year's information, please indicate whether the change is due to a correction or a reform: -Click to Select-		
Please explain the changes and provide the legal basis where applicable:		
Additional comments:		
4.3. Building Codes/complete set of minimum technical requirements		
1. Is there a National Building Code and/or a unified set of building standards that all constructions must respect in your economy? If your answer is yes:	«DB_dwcp_4.3.1 Building_Code»	-Click to Select-
(i) Is the Code/Unified Standards available online?	«DB_dwcp_4.3.2 BC_online»	-Click to Select-
(ii) If online, please provide the link to the website :		
2. Does the National Building Code provide clear provisions or guidelines on		
• Natural disaster resistant construction (i.e. floods, storms, earthquakes, etc)	«DB_dwcp_4.3.3 Nat_Disaster»	-Click to Select-
• Building classification according to certain criteria (i.e. usage; size)	«DB_dwcp_4.3.4 Bld_Classification»	-Click to Select-
• Fire prevention	«DB_dwcp_4.3.5 Fire_Guidelines»	-Click to Select-
• Soil Testing requirements for certain permanent building types	«DB_dwcp_4.3.6 Soil_test»	-Click to Select-
• Structural Strength (materials to be used)	«DB_dwcp_4.3.7 Structural_strength»	-Click to Select-
• Sanitation facilities	«DB_dwcp_4.3.8 Sanitation»	-Click to Select-
If you made any changes to last year's information, please indicate whether the change is due to a correction or a reform: -Click to Select-		
Please explain the changes and provide the legal basis where applicable:		
Additional comments:		
B. Quality control before construction		
4.4. Which entity(ies) is/are required by law to verify the compliance of the building plans with existing building regulations? (please check all that apply)		
1. The existing legislation is silent on this issue.	«DB_dwcp_4.4.1 VerifyPlans_by_law»	-Click to Select-
2. National order (association) of architects / engineers.	«DB_dwcp_4.4.2 Verify_plans_National_or_der»	-Click to Select-
3. Government agency (i.e., technical department of the municipality). If yes, please specify whether the following professionals are involved:	«DB_dwcp_4.4.3 Verify_plans_govt_agency»	-Click to Select-

(i) A certified/licensed architect	«DB_dwcp_4.4.3a Verify_plans_Licensed_ar chitect»	-Click to Select-
(ii) A certified/licensed engineer	«DB_dwcp_4.4.3b Verify_plans_Licensed_e ngineer»	-Click to Select-
(iii) A representative of the agency who is neither an architect nor an engineer	«DB_dwcp_4.4.3c No_architect_or_engineer »	-Click to Select-
4. Private and external firm of certified architects and/or civil engineers (i.e., cannot be part of the building company).	«DB_dwcp_4.4.4 Verify_plans_private_firm »	-Click to Select-
5. The architect/engineer who prepared the plans submits attestation to permit-issuing authority stating that plans are in compliance with building regulations		-Click to Select-
Please specify the law (if available):	«DB_dwcp_4.4.5 Verify_plans_Legal_basis »	
If you made any changes to last year's information, please indicate whether the change is due to a correction or a reform: -Click to Select-		
Please explain the changes and provide the legal basis where applicable:		
Additional comments:		
C. Quality control during construction:		
4.5. Who conducts the mandatory <u>technical</u> inspections required by law to be carried out during construction? (please check all that apply)		
1. The existing legislation is silent on this issue.	«DB_dwcp_4.5.1 Inspections_during_by_la w»	-Click to Select-
2. Government agency (or agencies); please specify which technical departments are involved :	«DB_dwcp_4.5.2 Inspections_During_govt _agency»	-Click to Select-
3. An in-house supervising engineer (i.e., an employee of the building company).	«DB_dwcp_4.5.3 Inspection_during_in_hou se_engineer»	-Click to Select-
4. An external and independent civil engineer throughout the entire construction period.	«DB_dwcp_4.5.4 Inspection_during_extern al_engineer»	-Click to Select-
Please specify legal basis for inspections	«DB_dwcp_4.5.5 Inspections_during_legal _basis»	
If you made any changes to last year's information, please indicate whether the change is due to a correction or a reform: -Click to Select-		
Please explain the changes and provide the legal basis where applicable:		
Additional comments:		
4.6. What type of <u>technical</u> inspections are required by law to be carried out during construction? (please check all that apply)		
1. Unscheduled inspections (inspection that can occur at any time or stage during construction).	«DB_dwcp_4.6.1 Inspection_during_unsch eduled»	-Click to Select-
2. Phased (at specific stages) inspections are carried out during construction.	«DB_dwcp_4.6.2 Inspections_during_phas ed»	-Click to Select-

3. Risk-based type inspections (inspections that are based on the type or risk level of a building).	«DB_dwcp_4.6.3 Inspections_during_riskbased»	-Click to Select-
(i) If yes, please specify the article of the law :		
If you made any changes to last year's information, please indicate whether the change is due to a correction or a reform -Click to Select-		
Please explain the changes and provide the legal basis where applicable:		
Additional comments:		
4.7. Inspections required by law during construction		
If inspections during construction are mandated by law, are they implemented in practice?	«DB_dwcp_4.7.1 Inspections_during_Inpractice»	-Click to Select-
If you made any changes to last year's information, please indicate whether the change is due to a correction or a reform: -Click to Select-		
Please explain the changes and provide the legal basis where applicable:		
Additional comments:		
D. Quality control after construction		
4.8. Who conducts the final inspection required by law to check the compliance of the building with the approved plans? (please check all that apply)		
1. The existing legislation is silent on this issue.	«DB_dwcp_4.8.1 Finalinspection_byLaw»	-Click to Select-
2. A Government agency. Agencies involved:	«DB_dwcp_4.8.2 Final_inspection_govt_agency»	-Click to Select-
3. An in-house supervising engineer (i.e., an employee of the building company) who must sign off on the construction and submit a final report to the building permitting agency.	«DB_dwcp_4.8.3 Final_inspection_inhouse_submit_report»	-Click to Select-
4. An external and independent supervising engineer who must sign off on the construction and submit a final report to the building permitting agency.	«DB_dwcp_4.8.4 Final_inspection_external_submit_report»	-Click to Select-
Please provide legal basis for final inspection:	«DB_dwcp_4.8.6 Final_inspection_Legal_basis»	
If you made any changes to last year's information, please indicate whether the change is due to a correction or a reform: -Click to Select-		
Please explain the changes and provide the legal basis where applicable:		
Additional comments:		
4.9. Final inspection required by law		
If a final inspection is mandated by law, is it implemented in practice?	«DB_dwcp_4.9.1 Final_inspection_Inpractice»	-Click to Select-
If you made any changes to last year's information, please indicate whether the change is due to a correction or a reform: -Click to Select-		
Please explain the changes and provide the legal basis where applicable:		
Additional comments:		
E. Liability/insurance regimes		
4.10. By law, which of the following party (ies) is/are primarily held liable when a defect is discovered after the completed building has been handed over to the owner and is already in usage (Latent Defect Liability or Decennial Liability)? (please check all that apply)		
1. The existing legislation is silent on this issue.	«DB_dwcp_4.10.1 Liability_by_law»	-Click to Select-

2. The architect or engineer who designed the plans of the building. If yes, for how long?	«DB_dwcp_4.10.2 Liability_architect_or_eng ineer»	-Click to Select-
3. The professional or agency conducting the technical inspections during construction and the final inspection. If yes, for how long?	«DB_dwcp_4.10.3 Liability_supervisor»	-Click to Select-
4. The construction company. If yes, for how long?	«DB_dwcp_4.10.4 Liability_construction_co mpany»	-Click to Select-
5. The project owner or investor. If yes, for how long?	«DB_dwcp_4.10.5 Liability_owner_investor»	-Click to Select-
6. Liability is specified in a contract between the parties (Contractual Law).	«DB_dwcp_4.10.6 Liability_contract»	-Click to Select-
Please provide legal basis for liability requirements	«DB_dwcp_4.10.7 Liability_legal_basis»	
If you made any changes to last year's information, please indicate whether the change is due to a correction or a reform: -Click to Select-		
Please explain the changes and provide the legal basis where applicable:		
Additional comments:		
4.11. Which of the following party(ies) is/are required by law to subscribe to an insurance policy to cover expenses to repair defects that are discovered after the completed building has been handed over to the owner and is in usage (Latent Defect Liability Insurance or Decennial Insurance)? (please check all that apply)		
1. The existing legislation is silent on this issue.	«DB_dwcp_4.11.1 Insurance_by_law»	-Click to Select-
2. The architect or engineer who designed the plans of the building.	«DB_dwcp_4.11.2 Insurance_architect_engi neer»	-Click to Select-
3. The professional or agency conducting technical inspections during construction and the final inspection.	«DB_dwcp_4.11.3 Insurance_supervisor»	-Click to Select-
4. The construction company.	«DB_dwcp_4.11.4 Insurance_construct_com pany»	-Click to Select-
5. The project owner or investor.	«DB_dwcp_4.11.5 Insurance_owner_investo r»	-Click to Select-
6. Warrantee is specified in the contract between the parties (Contractual Law).	«DB_dwcp_4.11.7 Warrant_Contract»	-Click to Select-
There is no such requirement by law, but Latent Defect Liability Insurance is commonly subscribed to in practice in more than 50% of cases by any of the parties noted above.	«DB_dwcp_4.11.6 Insurance_NotbyLaw_but _inpractice»	-Click to Select-
Please provide legal basis for insurance requirements	«DB_dwcp_4.11.8 Insurance_legal_basis»	
If you made any changes to last year's information, please indicate whether the change is due to a correction or a reform: -Click to Select-		
Please explain the changes and provide the legal basis where applicable:		
Additional comments:		
F. Professional certifications		
4.12. According to the law, what are the qualification requirements for a professional to be authorized to verify that the architectural and structural building plans are in compliance with the existing building regulations? (please check all that apply)		

1. The existing legislation is silent on this issue.	«DB_dwcp_4.12.1 Professional_Law silent on issue»	-Click to Select-
2. A minimum number of years of practical experience is required by law.	«DB_dwcp_4.12.2 Professional_verify_plan s_min_years»	-Click to Select-
(i) Please specify the number of years:	«DB_dwcp_4.12.2a Professional_min_years _specify»	
3. University degree (minimum of a bachelor's) in architecture or engineering	«DB_dwcp_4.12.3 Professional_verify_plan s_univ_degree»	-Click to Select-
4. Must be a registered member of the order (association) of architects or civil engineers.	«DB_dwcp_4.12.4 Professional_verify_plan s_member»	-Click to Select-
5. Must pass a qualification exam.	«DB_dwcp_4.12.5 Professional_verify_plan s_exam»	-Click to Select-
Legal basis for professional requirements	«DB_dwcp_4.12.6 Professional_Requireme nts_Legal_basis»	
If you made any changes to last year's information, please indicate whether the change is due to a correction or a reform: -Click to Select-		
Please explain the changes and provide the legal basis where applicable:		
Additional comments:		
4.13. According to the law, what are the qualification requirements to be authorized as a professional to conduct technical supervision/inspections of the construction? (please check all that apply)		
1. The existing legislation is silent on this issue.	«DB_dwcp_4.13.1 Supervisor_Law silent_on Issue»	-Click to Select-
2. A minimum number of years of practical experience is required by law.	«DB_dwcp_4.13.2 Supervisor_min_years»	-Click to Select-
(i) Please specify the number of years:	«DB_dwcp_4.13.2 Supervisor_min_years»	
3. University degree (minimum of a bachelor's) in civil engineering, construction or construction management	«DB_dwcp_4.13.3 Supervisor_univ_degree »	-Click to Select-
4. Must be a registered member of the order (association) of engineers.	«DB_dwcp_4.13.4 Supervisor_member»	-Click to Select-
5. Must pass a qualification exam.	«DB_dwcp_4.13.5 Supervisor_exam»	-Click to Select-
Please specify the law and provide a link to the website (if available):	«DB_dwcp_4.13.6 Tech_Supervis_Legal_B asis»	
If you made any changes to last year's information, please indicate whether the change is due to a correction or a reform: -Click to Select-		
Please explain the changes and provide the legal basis where applicable:		
Additional comments:		

Thank you very much for completing the Dealing with Construction Permits questionnaire!

We sincerely appreciate your contribution to the *Doing Business* project.

The results will appear in *Doing Business 2020* and on our website: www.doingbusiness.org.

