

**Dealing with Construction Permits Questionnaire – «Survey\_Economy\_FullName»  
www.doingbusiness.org**

Dear «FirstName» «LastName»,

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 2017: Equal Opportunity for All*, introduced improvements in the paying taxes and protecting minority investors indicators, and included a gender component in 3 of 11 *Doing Business* indicator sets. It received over 7,000 media citations within just a week of its publication on October 25, 2016 and the report was downloaded almost 40,000 times within that same period. A record 137 economies implemented a total of 283 reforms. Low and middle income countries carried out more than 75% of these reforms, with Sub-Saharan Africa accounting for 80 of them.

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 their regulatory reform efforts. Since 2010, economies worldwide have implemented 159 reforms making it easier to deal with construction permits and build a warehouse. In 2015/16, 18 economies implemented such reforms.

We are honored to be able to count on your expertise for *Doing Business 2018*. 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 a construction permit since June 1, 2016.
- Be sure to update your name and address if necessary, so that we can mail you a complimentary copy of the report.
- 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»

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

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**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
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**Referrals:** Please help us expand our list of contributors by referring us to other experts in the private or public sector (lawyers, notaries, public officials 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, measures the quality of building regulation and its implementation in the Building Quality Control Index.

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

<b>The company, BuildCo:</b>	
<i>Description</i>	
<ul style="list-style-type: none"> <li>Operates in «Survey_City» .</li> <li>Is a 100% domestically and privately-owned limited liability company (LLC).</li> <li>Is fully licensed and insured to carry out construction projects, such as building warehouses.</li> <li>Has already paid all taxes and subscribed to an All Risks Insurance to cover injuries to construction workers and third-person liability.</li> </ul>	
<i>Ownership and employees</i>	
<ul style="list-style-type: none"> <li>Has 5 owners, none of whom is a legal entity.</li> <li>Has 60 builders and other employees, all of them nationals with the technical expertise and professional experience necessary to obtain construction permits and approvals.</li> <li>Has one licensed architect and one engineer, and both are registered with their local associations.</li> </ul>	
<b>The land plot on which the warehouse is to be built:</b>	
<ul style="list-style-type: none"> <li>Is <b>929</b> square meters (10,000 square feet).</li> <li>Is 100% owned by BuildCo and is registered in the cadastre and land registry.</li> <li>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).</li> <li>Is not located in an economic or industrial zone that is subject to any special requirements (i.e., tax-free zone, etc.). However, the zoning requirements for warehouses are met by building it in an area where other similar warehouses can be found.</li> </ul>	
<b>Warehouse specifications</b>	
<ul style="list-style-type: none"> <li>Has two levels, both above ground (G + 1), with a total surface of approximately 1,300.6 square meters (14,00 square feet).The height of each floor is 3 meters (9 feet, 10 inches).</li> <li>Will be used for storage of non-hazardous and non-perishable goods (e.g. books, stationery, etc.)</li> </ul>	
<b>Water and sewerage connection: New connection</b>	
<ul style="list-style-type: none"> <li>The warehouse is 150 meters (492.1 feet) away from the existing water source and sewer tap.</li> <li>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.</li> <li>Daily water consumption is 0.7m3 and wastewater flow is estimated at 0.6 m3. Peak water consumption is estimated at 1 m3</li> <li>The water connection pipe is 1 inch in diameter, and the sewerage connection pipe is 4 inches in diameter.</li> <li>The warehouse neither uses nor stores chemicals.</li> <li>A septic tank in the smallest size available is installed or built if there is no sewerage infrastructure in the economy.</li> <li>A borehole is dug if there is no water delivery infrastructure in the economy.</li> <li>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).</li> </ul>	
<b>Estimated value of the warehouse:</b>	«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):
«FutureReformPrepopulation»
Has this reform been implemented since June 1, 2016? 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 June 1, 2016?
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 and that is <b>expected to be adopted prior to June 1, 2017</b> ?
Response: -Click to Select- If yes, please describe:

## 3. DOING BUSINESS RESEARCH QUESTIONS AND BUILDING QUALITY CONTROL INDEX

RESEARCH QUESTIONS	
<b>3.1 Is a geotechnical study / Soil test required for a G + 1 warehouse with a total surface of</b>	<b>Answer</b>
1. <b>1300.6 sq. m.:</b>	-Click to Select-
If your answer is yes to any of the above questions, since what year has it been required?	
(i) what is the <b>average cost</b> :	
(ii) what is the <b>average time to obtain the results</b> :	
(iii) what is the <b>name of the agency</b> :	
<b>3.2 As an architect/engineer, would you need a topographical survey of the land prior to developing your architectural/structural plans, for a concrete structure with</b>	<b>Answer</b>
1. a total surface of <b>1300.6 sq. m.</b> and a land plot of 929 sq. m.:	-Click to Select-
If your answer is yes to the above question, since what year has it been required?	
(i) what is the <b>average cost</b> :	
(ii) what is the <b>average time in calendar days to obtain the topographical survey</b> :	
(iii) what is the <b>name of the agency</b> :	
Additional comments/clarifications	

For your convenience, last year's aggregate answers (if available) are included in both Section 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 data for the Building Quality Control Index in Section 3 as well as the list of procedures in Section 4, taking into account 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 modification in practice or by law that occurred after **June 1, 2016**.

<b>BUILDING QUALITY CONTROL INDEX</b>		
<b>A. Building regulations:</b> 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		
	<b>Last Year</b>	<b>This Year</b>
<b>3.2. How accessible are building laws and regulations in your economy? (please check all that apply)</b>		
The currently applicable regulations are available online on a website (or websites).	«DB_dwcp_3.2.1 Available_single_online»	-Click to Select-
Website(s) where the regulations are published	«DB_dwcp_3.2.1a Available_online_website»	
The currently applicable regulations are available at the relevant permit-issuing authority and/or through an official gazette:		
(i) They are available <b>free of charge</b>	«DB_dwcp_3.2.2 Free_of_Charge»	-Click to Select-
(ii) They are available for <b>purchase</b>	«DB_dwcp_3.2.3 Must_be_purchased»	-Click to Select-
They are available but are not updated.	«DB_dwcp_3.2.4 obsolete»	-Click to Select-
They are not easily accessible.	«DB_dwcp_3.2.6 Not_easily_accessible»	-Click to Select-
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 where applicable:		
Additional comments:		
<b>3.3. 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)</b>		
1. List of required documents to submit to request and obtain a building permit (e.g., land ownership certificate, types of drawings and plans, etc.).	«DB_dwcp_3.3.1 List_required_doc»	-Click to Select-
2. Fees to be paid for the building permit	«DB_dwcp_3.3.2 Fees_paid»	-Click to Select-
3. All required pre-approvals of the drawings/plans by the relevant agencies (e.g., electrical, water, sewerage, environmental etc.).	«DB_dwcp_3.3.3 Required_pre-approvals»	-Click to Select-
4. Requirements to obtain the Occupancy Certificate.	«DB_dwcp_3.3.4 Occupancy»	-Click to Select-
5. The time limit to process and issue the building permit request.	«DB_dwcp_3.3.5 Time_Limit»	-Click to Select-
(i) Please specify the <b>time limit</b> :		
(ii) Please specify the <b>law</b> :		
(iii) Is the time limit <b>always respected in practice</b> ?	«DB_dwcp_3.3.5c Time_limit_Respected»	-Click to Select-
6. If the list of required documents, fees and pre-approvals information are available online, please provide a <b>link to the website(s)</b> :	«DB_dwcp_3.3.6a Require_online_website»	
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 where applicable:		
Additional comments:		
<b>3.4. Building Codes/complete set of minimum technical requirements</b>		
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_3.4.1 Building_Code»	-Click to Select-
(i) Is the Code/Unified Standards available online?	«DB_dwcp_3.4.2	-Click to Select-

	BC_online»	
(ii) If online, please provide the <b>link to the website</b> :		
Does the National Building Code provide clear provisions or guidelines on		
• <b>Natural disaster resistant</b> construction such (floods, storms, earthquakes and so on)	«DB_dwcp_3.4.3 Nat_Disaster»	-Click to Select-
• <b>Building classification</b> according to certain criteria (e.g. usage; size)	«DB_dwcp_3.4.4 Bld_Classification»	-Click to Select-
• <b>Fire prevention</b>	«DB_dwcp_3.4.5 Fire_Guidelines»	-Click to Select-
• <b>Sanitation</b> facilities	«DB_dwcp_3.4.8 Sanitation»	-Click to Select-
• <b>Soil Testing</b> requirements for certain permanent building types	«DB_dwcp_3.4.6 Soil_test»	-Click to Select-
• <b>Structural Strength</b> (materials to be used)	«DB_dwcp_3.4.7 Structural_strength»	-Click to Select-
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 where applicable:		
Additional comments:		
<b>3.5. Third party involvement in construction projects</b>		
(i) Does the Building Department contract with licensed private "Third Party" entities to carry out building control activities such as plan review, on-site inspection or permitting? <i>If no, please skip the entire section</i>		-Click to Select-
If yes, please provide the legal basis:		
(ii) Which agency provides the certification of third-party entities?		-Click to Select-
(iii) What are the requirements for the certification of third-party entities? (please check all that apply)		
a. Number of years of practice in the industry:		-Click to Select-
b. Technical degrees held by staff		-Click to Select-
c. Proof of past work experience of staff or track record		-Click to Select-
d. Other documents that must be submitted (please specify):		
(iv) Once licensed, is there a rating system to assess the performance of third-party entities (e.g. "Grade A" or "Class 1" categories; criteria whereby only firms with a proven track record of experience can oversee high-risk projects, etc.)?		-Click to Select-
Please explain:		
(v) What are the tasks subject to private third-party services (please check all that apply)?		
a. Architectural and structural plan reviews before construction		-Click to Select-
b. Issuance of the building permit		-Click to Select-
c. Building inspections during construction		-Click to Select-
d. Mapping of risk and risk-analysis matrix		-Click to Select-
e. Final inspection after construction		-Click to Select-
f. Issuance of occupancy certificates		-Click to Select-
g. Other (please specify):		
(vi) Are third-party entities subject to any conflict of interest restrictions (e.g. they are not allowed to practice in the same jurisdiction in which they provide regulatory services; or have any financial interests in the building projects they oversee; or other)		-Click to Select-
Please explain:		
(vii) Who pays for the third-party services?		-Click to Select-
<b>B. Quality control before construction</b>		
<b>3.6. 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)</b>		
1. National order (association) of architects / engineers	«DB_dwcp_3.6.1 Verify_plans_National_order»	-Click to Select-
2. Government agency (e.g., technical department of the	«DB_dwcp_3.6.2	-Click to Select-

municipality). please specify which technical departments are involved:	Verify_plans_govt_agency»	
• A <b>certified/licensed architect</b>	«DB_dwcp_3.6.2a Verify_plans_Licensed_arc hitect»	-Click to Select-
• A <b>certified/licensed engineer</b>	«DB_dwcp_3.6.2b Verify_plans_Licensed_eng ineer»	-Click to Select-
• A <b>representative of the agency</b> who is neither an architect nor an engineer	«DB_dwcp_3.6.2c No_architect_or_engineer»	-Click to Select-
3. Private and external firm of certified architects and/or civil engineers (i.e., cannot be part of the building company).	«DB_dwcp_3.6.3 Verify_plans_private_firm»	-Click to Select-
By law, it is not required to verify the compliance of architectural plans/drawings with existing building regulations	«DB_dwcp_3.6.4 No_need_by_law»	-Click to Select-
Please specify the law (if available):	«DB_dwcp_3.6.5 Verify_plans_Legal_basis»	
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 where applicable:		
Additional comments:		
<b>3.7. Review of building plans required by law</b>		
If the law requires the review of the building plans by another professional, other than the one(s) who prepared them, does it occur in practice?	«DB_dwcp_3.7.1 VerifyPlans_Inpractice»	-Click to Select-
<b>C. Quality control during construction</b>		
<b>3.8. Who conducts the mandatory technical inspections required by law to be carried out during construction? (please check all that apply)</b>		
Government agency (or agencies); please <b>specify which technical departments are involved</b> :	«DB_dwcp_3.8.1 Inspections_During_govt_a gency»	-Click to Select-
An in-house supervising engineer (i.e., an employee of the building company)	«DB_dwcp_3.8.2 Inspection_during_in_hous e_engineer»	-Click to Select-
An external and independent civil engineer throughout the entire construction period	«DB_dwcp_3.8.3 Inspection_during_external _engineer»	-Click to Select-
No inspections are mandated by law during construction.	«DB_dwcp_3.8.4 No_inspections_during_by_ law»	-Click to Select-
Legal basis for inspections	«DB_dwcp_3.8.5 Inspections_during_legal_b asis»	
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 where applicable:		
Additional comments:		
<b>3.9. What type of technical inspections are required by law to be carried out during construction? (please check all that apply)</b>		
1. Unscheduled inspections (inspection that can occur at any time or stage during construction).	«DB_dwcp_3.9.1 Inspection_during_unsched uled»	-Click to Select-
(i) If yes, <b>how many</b> on average for a construction lasting 30 weeks (7 months)? Please specify:		
2. Phased (at specific stages) inspections are carried out during construction.	«DB_dwcp_3.9.2 Inspections_during_phased »	-Click to Select-

3. Risk-based type inspections (inspections that are based on the type or risk level of a building). If yes:	«DB_dwcp_3.9.3 Inspections_during_riskbas ed»	-Click to Select-
(i) What would be the <b>risk level</b> for the warehouse described in Section 1?	«DB_dwcp_3.9.5 Warehouse_Risk_level»	-Click to Select-
(ii) Please <b>describe</b> and, if applicable, specify the <b>article of the law</b> :		
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 where applicable:		
Additional comments:		
<b>3.10. Inspections during construction required by law</b>		
If inspections during construction are mandated by law, are they implemented in practice?	«DB_dwcp_3.10.1 Inspections_during_Inpracti ce»	-Click to Select-
Inspections are not mandated by law, but they do commonly occur in practice in more than 50% of cases.	«DB_dwcp_3.10.4 Inspections_during_not_by _law_yes_in_practice»	-Click to Select-
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 where applicable:		
Additional comments:		
<b>D. Quality control after construction</b>		
<b>3.11. Who conducts the final inspection required by law to check for the compliance of the building with the approved plans? (please check all that apply)</b>		
1. A Government agency	«DB_dwcp_3.11.1 Final_inspection_govt_age ncy»	-Click to Select-
2. 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_3.11.2 Final_inspection_in house_submit_report»	-Click to Select-
3. 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_3.11.3 Final_inspection_external_s ubmit_report»	-Click to Select-
4. There is a final joint inspection.	«DB_dwcp_3.11.4 Final_joint_inspection»	-Click to Select-
(i) Please specify which <b>agencies are involved</b> :		
5. No final inspection is mandated by law	«DB_dwcp_3.11.5 No_final_inspection_by_law »	-Click to Select-
Legal basis for final inspection:	«DB_dwcp_3.11.6 Final_inspection_Legal_bas is»	
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 where applicable:		
Additional comments:		
<b>3.12. Final inspection required by law</b>		
If a final inspection is mandated by law, is it implemented in practice?	«DB_dwcp_3.12.1 Final_inspection_Inpractice »	-Click to Select-
A final inspection is not mandated by law, but does commonly occur in practice in more than 50% of cases.	«DB_dwcp_3.12.4 Final_inspection_not_ by_law_yes_in_practice»	-Click to Select-
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 where applicable:		
Additional comments:		
<b>E. Liability/insurance regimes</b>		
<b>3.13. By law, which of the following partie(s) 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)</b>		
1. The existing legislation is silent on this issue.	«DB_dwcp_3.13.1 Liability_by_law»	-Click to Select-
2. The architect or engineer who designed the plans of the building. If yes, <b>for how long?</b>	«DB_dwcp_3.13.2 Liability_architect_or_engineer»	-Click to Select-
3. The professional or agency conducting the technical inspections during construction and the final inspection. If yes, <b>for how long?</b>	«DB_dwcp_3.13.3 Liability_supervisor»	-Click to Select-
4. The construction company. If yes, <b>for how long?</b>	«DB_dwcp_3.13.4 Liability_construction_company»	-Click to Select-
5. The project owner or investor. If yes, <b>for how long?</b>	«DB_dwcp_3.13.5 Liability_owner_investor»	-Click to Select-
6. Liability is specified in a contract between the parties (Contractual Law).	«DB_dwcp_3.13.6 Liability_contract»	-Click to Select-
Legal basis for liability requirements	«DB_dwcp_3.13.7 Liability_legal_basis»	
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 where applicable:		
Additional comments:		
<b>3.13a Liability requirements by law</b>		
If Latent Defect Liability or Decennial Liability is required by law, is it implemented in practice?	«DB_dwcp_3.13. a Liability_Practice»	-Click to Select-
<b>3.14. Which of the following party (ies) is/are required by law to primarily subscribe to a Latent Defect Liability Insurance (or Decennial Insurance) - 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? (please check all that apply)</b>		
1. The existing legislation is silent on this issue.	«DB_dwcp_3.14.1 Insurance_by_law»	-Click to Select-
2. The architect or engineer who designed the plans of the building.	«DB_dwcp_3.14.2 Insurance_architect_engineer»	-Click to Select-
3. The professional or agency conducting the technical inspections during construction and the final inspection.	«DB_dwcp_3.14.3 Insurance_supervisor»	-Click to Select-
4. The construction company	«DB_dwcp_3.14.4 Insurance_construct_company»	-Click to Select-
4. The project owner or investor	«DB_dwcp_3.14.5 Insurance_owner_investor»	-Click to Select-
4. Warrantee is specified in the contract between the parties (Contractual Law).	«DB_dwcp_3.14.7 Warrant_Contract»	-Click to Select-
There is no such requirement by law, but Latent Defect Liability Insurance is commonly subscribed in practice in more than 50% of cases by any of the parties noted above.	«DB_dwcp_3.14.6 Insurance_in_practice»	-Click to Select-
Legal basis for insurance requirements	«DB_dwcp_3.14.8 Insurance_legal_basis»	
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 where applicable:		

Additional comments:		
<b>3.14a. Insurance requirements in practice</b>		
Latent Defect Liability Insurance is commonly subscribed in practice in more than 50% of cases by any of the parties noted above.	«DB_dwcp_3.14.a Insurance_Practice»	-Click to Select-
<b>If yes</b> , please explain how it is enforced (e.g. which insurance companies sell this insurance policy; a proof of insurance must be submitted when requesting the building permit, or the proof is sent later to the agency).		
<b>F. Professional certifications</b>		
<b>3.15. According to the law, what are the qualification requirements for a professional to be authorized to verify that the <u>architectural and structural</u> building plans are in compliance with existing building regulations? (please check all that apply)</b>		
1. The existing legislation is silent on this issue.	«DB_dwcp_3.15.5 Professional_verify_plans_no_requirements»	-Click to Select-
2. A minimum number of years of practical experience is required by law.	«DB_dwcp_3.15.1 Professional_verify_plans_min_years»	-Click to Select-
<b>(i) Please specify the number of years:</b>		
3. University degree (minimum of a bachelor's) in architecture or engineering	«DB_dwcp_3.15.2 Professional_verify_plans_univ_degree»	-Click to Select-
4. Must be a registered member of the order (association) of architects or civil engineers.	«DB_dwcp_3.15.3 Professional_verify_plans_member»	-Click to Select-
5. Must pass a qualification exam.	«DB_dwcp_3.15.4 Professional_verify_plans_exam»	-Click to Select-
Legal basis for professional requirements	«DB_dwcp_3.15.6 Requirements_Legal_basis»	
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 where applicable:		
Additional comments:		
<b>3.16. According to the law, what are the qualification requirements to be authorized as a professional to conduct the technical supervision/inspections of the construction? (please check all that apply)</b>		
1. The existing legislation is silent on this issue.	«DB_dwcp_3.16.5 Supervisor_no_requirements»	-Click to Select-
2. A minimum number of years of practical experience is required by law.	«DB_dwcp_3.16.1 Supervisor_min_years»	-Click to Select-
<b>(i) Please specify the number of years:</b>		
3. University degree (minimum of a bachelor's) in civil engineering, construction or construction management	«DB_dwcp_3.16.2 Supervisor_univ_degree»	-Click to Select-
4. Must be a registered member of the order (association) of engineers.	«DB_dwcp_3.16.3 Supervisor_member»	-Click to Select-
5. Must pass a qualification exam.	«DB_dwcp_3.16.4 Supervisor_exam»	-Click to Select-
Please specify the law and provide a link to the website (if available):	«DB_dwcp_3.16.6 Tech_Supervis_Legal_Basis»	
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 where applicable:		
Additional comments:		

3.17. Professional certifications requirements by law		
If professional certifications are required by law, are they implemented in practice for the following?		
• Professional reviewing that <b>plans are in compliance with regulations</b>	«DB_dwcp_3.17 Req_Professional_inPractice»	-Click to Select-
• Professional conducting <b>technical supervision/inspections during construction</b>	«DB_dwcp_3.17.a Req_Supervisor_inPractice»	-Click to Select-

## 4. DATA UPDATE

### 4.1. Definitions and Additional Case Study Assumptions

Definitions to keep in mind when answering the questions:
A <b>procedure</b> 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 (*).
<b>Time</b> 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.
<b>Costs</b> 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.

### 4.2. List of procedures to build a warehouse and to connect to utilities

Phase: «DB_dwcp_DBDCPProcList_ProcedurePhase_cou»		
<b>Procedure</b> «DB_dwcp_DBDCPProcList_PROCEDURE_NUMBER_c»:	«DB_dwcp_DBDCPProcList_ProcedureName_coun»	
<b>Time</b>	Time last year: «DB_dwcp_DBDCPProcList_ProcedureTimePubli»	
	<b>Time update:</b>	
<b>Cost</b>	Cost last year: «DB_dwcp_DBDCPProcList_ProcedureCostPubli»	
	<b>Cost update:</b>	
	Cost details last year: «DB_dwcp_DBDCPProcList_ProcedureCostFormu»	
<b>Agency</b>	<b>Cost details update:</b>	
	Agency last year: «DB_dwcp_DBDCPProcList_ProcedureAgency_co»	
<b>Procedural details</b>	<b>Agency update:</b>	
	Procedural details last year: «DB_dwcp_DBDCPProcList_ProcedureComment_c»	
<b>Simultaneity</b>	<b>Procedural details update:</b>	
	Can this procedure be initiated <b>with the previous procedure?</b> -Click to Select-	If No, can it be done with any other procedure(s) and which one (s)?
	Last year's response: «DB_dwcp_DBDCPProcList_ProcedureSimultane»	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:		

4.3 For statistical purposes, please provide answers to the questions below:	Answer
Last year, the overall time to obtain all the necessary permits, clearances, inspections and utility connections in «Survey_City» was estimated at:	«DB_dwcp_TotalTime»
<b>This year</b> , based on your experience and using the case study assumptions explained in Section 1, what is the overall time to accomplish the same process?	
Based on your experience and the same case study assumptions, what can be the fastest time in practice to accomplish the same process?	
Based on your experience and the same case study assumptions, what can be the slowest time in practice to start and complete the entire process?	
If there is a difference in time, what is the main reason behind it?	

#### 4.4. Additional Comments or missing procedures

We welcome any additional comments or procedures you may have about the process of obtaining a building permit in «Survey\_Economy\_FullName», or any missing procedures.

**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 2018* and on our website: [www.doingbusiness.org](http://www.doingbusiness.org).