



ENGINEERS &
GEOSCIENTISTS
BRITISH COLUMBIA

IN THE MATTER OF THE *PROFESSIONAL GOVERNANCE ACT*,
S.B.C. 2018, CHAPTER 47

and

IN THE MATTER OF SEYED-AHMAD PISHVAEI (SUSPENDED) (LICENSE #28707)

ENGINEERS AND GEOSCIENTISTS BC FILE NO. T22-058

CONSENT ORDER

Background

1. On July 29, 2024, the Association of Professional Engineers and Geoscientists of the Province of British Columbia, doing business as Engineers and Geoscientists BC, issued a Citation to Dr. Pishvaei, pursuant to section 66(1) the *Professional Governance Act*, S.B.C. 2018, c. 47 (the “PGA”).
2. Dr. Pishvaei has previously been disciplined by Engineers and Geoscientists BC for a separate matter. On August 14, 2024, Dr. Pishvaei agreed to a Consent Order (the “2024 Consent Order”) in which Dr. Pishvaei agreed that he demonstrated unprofessional conduct in relation to the engineering services he provided for glass guard rails for five buildings in Pemberton, BC, contrary to the *Engineers and Geoscientists Act*, R.S.B.C. 1996, c. 116 (the “EGA”). Dr. Pishvaei remains suspended until he completes the Professional Engineering and Geoscientists Practice in BC Online Seminar as required in the 2024 Consent Order (the “Seminar”).
3. Engineers and Geoscientists BC and Dr. Pishvaei wish to resolve this matter by consent pursuant to section 73(2) of the *PGA* in order to avoid the need for a disciplinary hearing.

4. Dr. Pishvaei consents to the disposition set out below.

Legislation

5. On February 5, 2021, the *EGA* was repealed and replaced by the *PGA*.
6. The conduct in question occurred when the *EGA* was in force. As a result, Engineers and Geoscientists BC has considered Dr. Pishvaei's conduct pursuant to the *EGA* and the Bylaws and Code of Ethics under the *EGA*. While Dr. Pishvaei's conduct is considered under the *EGA*, pursuant to sections 35(2) and 36(1)(c) of the *Interpretation Act*, R.S.B.C. 1996, c. 238, this matter proceeds procedurally under the *PGA*.

Admissions

7. Dr. Pishvaei admits that he demonstrated unprofessional conduct in relation to the engineering services that he provided between 2016 and 2019 in relation to the structural design of a residence in North Vancouver, BC (the "Project"). In particular:
 1. In the course of the Project, he authenticated structural drawings that were inadequate. In particular, the drawings:
 - a. failed to specify shear wall tension hold-down locations for resisting overturning forces; and
 - b. lacked adequate information, including regarding:
 - i. shear wall requirements and details;
 - ii. drag strut locations;
 - iii. end connection requirements for engineered wood beams; and
 - c. did not include an adequately designed system to resist external soil pressure;
 - d. failed to address all the different basement retaining wall conditions shown in the architectural drawing set;
 - e. specified an engineered wood beam that did not meet load and capacity requirements of the British Columbia Building Code 2012; and
 - f. specified inadequate anchor bolts for connecting ledger boards to concrete walls.
 2. He failed to perform the necessary calculations to ensure the Project was designed in accordance with the British Columbia Building Code 2012. In

particular, he failed to perform the necessary calculations to ensure the design of the Project:

- a. had sufficient capacity to resist soil loads; and
 - b. had sufficient capacity to resist seismic loads.
3. He failed to ensure regular, documented checks of his engineering work on the Project were conducted using a written quality control process appropriate to the risk.
 4. He failed to ensure documented independent reviews were conducted of his structural designs in relation to the Project.
 5. The conduct set out above at paragraphs 1-3 is contrary to Principle 1 of the Engineers and Geoscientists BC Code of Ethics, as it stood at the time, which, in part, required that members shall hold paramount the safety, health, and welfare of the public.
 6. The conduct set out above in paragraphs 3 and 4 is contrary to sections 14(b)(2) and 14(b)(4) of the Bylaws of Engineers and Geoscientists BC, as they stood at the time, which provided that members shall establish and maintain documented quality management processes for their practices, including documented independent reviews of structural designs prior to construction.

Disposition

8. By consent, this Order is made pursuant to section 73(2) of the *PGA*.
9. Dr. Pishvaei's registration with Engineers and Geoscientists BC is suspended for a period of six months (the "Suspension Period"). The Suspension Period will begin after Dr. Pishvaei completes the seminar in accordance with paragraph 14 of the 2024 Consent Order.
10. Prior to the end of the Suspension Period, Dr. Pishvaei must provide written notice to Engineers and Geoscientists BC, that he has completed, at his own expense, the following educational courses provided by Engineers and Geoscientists BC:
 - a. Documented Field Reviews During Implementation and Construction;
 - b. Documented Checks of Engineering and Geoscience Work;
 - c. Authentication of Documents (formerly "Use of Seal");
 - d. Independent Review of Structural Designs;
 - e. Documented Independent Review of High-Risk Professional Activities or Work; and

- f. Retaining Project Documentation.
11. Following the conclusion of the Suspension Period, the following conditions are imposed on Dr. Pishvaei's registration:
- a. Dr. Pishvaei will be subject to direct supervision by a professional engineer who is a registrant of Engineers and Geoscientists BC (the "Supervising Professional"), and who is approved in writing and in advance by the Registrar of Engineers and Geoscientists BC. The Supervising Professional will provide "direct supervision" as that term is defined in the Quality Management Guides – Guide to the Standard for Direct Supervision (Version 3.0 – June 15, 2023), in respect of all engineering work performed by Dr. Pishvaei (the "Direct Supervision").
 - b. If a Supervising Professional is not approved by the conclusion of the Suspension Period, Dr. Pishvaei will remain suspended until a Supervising Professional has been approved in writing and in advance by the Registrar of Engineers and Geoscientists BC.
 - c. The Direct Supervision will continue for a minimum of four months from the date the Supervising Professional is approved by the Registrar of Engineers and Geoscientists BC, or five projects, whichever comes later (the "Direct Supervision Period");
 - d. Following the Direct Supervision Period, Dr. Pishvaei must obtain an opinion from the Supervising Professional that Dr. Pishvaei is competent to undertake engineering work and provide that opinion to Engineers and Geoscientists BC. If the opinion of the Supervising Professional is that Dr. Pishvaei requires further direct supervision, the Direct Supervision Period shall continue for a period of an additional six months, or five projects, whichever comes later (the "Extended Direct Supervision").
 - e. At the conclusion of the Extended Direct Supervision, the Supervising Professional must provide a written report regarding Dr. Pishvaei's performance.
 - f. The costs of the Supervising Professional providing the Direct Supervision and the Extended Direct Supervision, if applicable, and the preparation of the opinion and report referenced above in paragraphs 11(d) and 11(e), will be borne by Dr. Pishvaei.
12. Six months after the conclusion of the Direct Supervision Period, Dr. Pishvaei will undergo a practice review conducted by the Audit and Practice Review Committee, at his own expense (the "Practice Review"). The precise timing and process of the Practice Review will be determined by the Audit and Practice Review Committee.

13. Dr. Pishvaei will pay \$10,000 to Engineers and Geoscientists BC contemporaneous with the execution of this Consent Order as a contribution towards the legal and investigative costs incurred in this matter.
14. In the event that Dr. Pishvaei fails to comply with any of the terms of this Consent Order, his registration with Engineers and Geoscientists BC will be, or will remain, suspended until every default has been remedied in accordance with the terms of this Consent Order.

Consequences of the Consent Order

15. The full text or a summary of this Consent Order will be published by Engineers and Geoscientists BC in print and electronic publications including on the Engineers and Geoscientist BC website.
16. This Consent Order has the same force and effect as an action taken or penalty imposed under section 75(6) of the *PGA*.
17. Dr. Pishvaei has received independent legal advice regarding the content of this Consent Order.

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18. Engineers and Geoscientists BC and Dr. Pishvaei agree that this Consent Order may be executed in counterparts and delivered as an electronic document.

This Consent Order is approved and accepted by Dr. Pishvaei and the members of the Discipline Resolution Panel this 11th day of March, 2025.

<original signed by>
Seyed-Ahmad Pishvaei, P.Eng.

Nasim Mahmoudi
Name of Witness

<original signed by>
Signature of Witness

<original signed by>
Emily Cheung, P.Eng.
Member, Discipline Resolution Panel

<original signed by>
Roz Nielsen, P.Eng.
Member, Discipline Resolution Panel

<original signed by>
Warren Funt
Member, Discipline Resolution Panel