

**Regulation SIA 108  
2003**

**s i a**

**Regulation governing services and fees  
of mechanical and electrical engineers and  
engineers expert in building installations**

**schweizerischer  
ingenieur- und  
architektenverein**

**société suisse  
des ingénieurs  
et des architectes**

**società svizzera  
degli ingegneri  
e degli architetti**

**swiss society  
of engineers  
and architects**

**selnaustrasse 16  
ch 8039 zürich  
[www.sia.ch](http://www.sia.ch)**



**Regulation SIA 108  
2003**

Schweizer Norm  
Norme suisse  
Norma svizzera  
Swiss Standard



**508 108**

**Regulation governing services and fees  
of mechanical and electrical engineers and  
engineers expert in building installations**

2005-11 2nd edition 1,500 / Schwabe, MuttENZ

---

# Contents

	Page
<b>Introduction</b>	5
<hr/>	
<b>Art. 1 General Contractual Terms and Conditions</b>	6
1.1 Applicable law and order of precedence	6
1.2 Conclusion of the contract	6
1.3 Duties of the engineer	6
1.4 Rights of the engineer	7
1.5 Duties of the client	7
1.6 Rights of the client	7
1.7 General project management	7
1.8 Extension of deadlines and rescheduling of dates	8
1.9 Liability	8
1.10 Value-added tax	8
1.11 Statute of limitations	9
1.12 Premature cancellation of the contract	9
1.13 Mediation	9
1.14 Jurisdiction	9
<hr/>	
<b>Art. 2 Tasks and role of the engineer</b>	10
2.1 Activities of the engineer	10
2.2 Role with respect to the client	10
2.3 Tasks as a general project manager	10
2.4 Tasks as a specialist and consultant	10
<hr/>	
<b>Art. 3 Services of the engineer</b>	11
3.1 Services agreement	11
3.2 Breakdown of services	11
3.3 Basic services and services requiring special agreement	11
3.4 General project management	12
3.5 Cooperation between general project management and other experts involved in the planning	12
3.6 Expert coordination of the building installations	13
<hr/>	
<b>Art. 4 Specification of services</b>	14
4.1 Strategic planning	15
4.2 Preliminary studies	16
4.3 Project	18
4.4 Invitation to tender	22
4.5 Implementation	23
4.6 Management	27
<hr/>	
<b>Art. 5 Principles behind remuneration of engineers' services</b>	29
5.1 Project costs	29
5.2 Fee types	29
5.3 Additional cost components	30
5.4 Remuneration of travel time	30
<hr/>	
<b>Art. 6 Fees calculated according to effective time required</b>	31
6.1 Principles	31
6.2 Fee charging according to qualification categories	31
6.3 Fee charging according to salary	32
6.4 Fee charging according to average hourly rates	33
6.5 Recommended price	34

---

<b>Art. 7</b>	<b>Fee charging according to the costs of works</b>	35
7.1	Principles	35
7.2	Formula for calculating the average time required ( $T_m$ )	35
7.3	Formula for calculating the projected time required ( $T_p$ )	35
7.4	Formula for calculating the fee (H)	35
7.5	Costs of the works, which will be the basis for calculating the man-hours required ( $B_a$ )	36
7.6	Factor-determining costs of the works ( $B_p$ )	37
7.7	Degree of difficulty (n)	37
7.8	Adjustment factor (r)	38
7.9	Consideration of the team employed (i)	38
7.10	Factor for special services (s)	38
7.11	Apportionment of subphases with percentage weighting (q)	39
7.12	Services not included in the fee	40
7.13	Contracts covering several structures	40
7.14	Repeated structures or systems	40
7.15	Refurbishments	40
7.16	Specialists and consultants	40
7.17	Partnerships	41

---

<b>Art. 8</b>	<b>Instrumentation and control technology</b>	42
8.1	Tasks and responsibility	42
8.2	Services of the building services engineers	42
8.3	Factor-determining costs of the works ( $B_p$ )	42

---

## Members of the hourly expenses model working group (Art. 5, 6 and 7)

President	Dr. Hansjürg Leibundgut, Masch.-Ing.	Zurich
Members	Dr. Giuliano Anastasi, ing. civile	Locarno
	Urs Burkard, Arch.	Baden
	Flavio Casanova, Bau-Ing.	Arisdorf
	Dr. Walter Huber, oec., SIA General Secretariat	Zurich
	Beat Jordi, Arch.	Zurich
	Eric Mosimann, oec., SIA General Secretariat	Zurich
	Peter Rohr, El.-Ing.	Zurich
Dieter Suter, Bau-Ing.	Reinach	
Officer	Angelo Moser, Arch.	Zurich

## Approval

The Delegates' Meeting approved the present hourly expenses model of SIA 108 for services and fees of mechanical and electrical engineers and engineers expert in building installations in Basel on June 21, 2003.

The model replaces Art. 5, 6 and 7 of SIA 108 (2001 edition).

The President

The General Secretary

Daniel Kündig

Eric Mosimann

---

Copyright © 2003 by SIA Zurich

All rights reserved, including those to partial reprinting, duplication in part or in whole (photocopy, microcopy, CD-ROM, etc.), storage in data processing systems, and translation.

---